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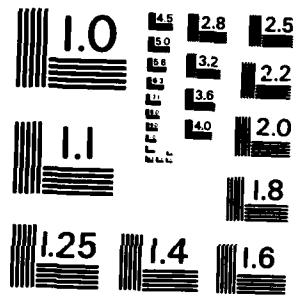
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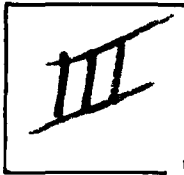
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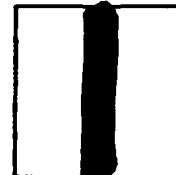
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USAFETAC DS-82/046

DATA PROCESSING DIVISION
USAFETAC
Air Weather Service (MAC)

FD-441
SCOTT AFB, IL 62228

10 2 AUG 1982

REVISED UNIFORM SUMMARY OF
SURFACE WEATHER OBSERVATIONS

HELLENIKON AB, GR
N 37 54 E 023 44

90 FT

MSG#167160
LGAT

PARTS A, C-F
POR FROM HOURLY OBS JAN 73 - DEC 81

TIME CONVERSION GMT TO LST: +2

JUL 29 1982

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REPORT DOCUMENTATION PAGE		READ INSTRUCTIONS BEFORE COMPLETING FORM															
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17. DISTRIBUTION STATEMENT (of the abstract entered in Block 20, if different from Report)																	
18. SUPPLEMENTARY NOTES																	
19. KEY WORDS (Continue on reverse side if necessary and identify by block number) <table border="0"> <tr> <td>*RUSSWO</td> <td>Daily temperatures</td> <td>Atmospheric pressure</td> </tr> <tr> <td>Snowfall</td> <td>Extreme snow depth</td> <td>Extreme surface winds</td> </tr> <tr> <td>Climatology</td> <td>Sea-level pressure</td> <td>Psychrometric summary</td> </tr> <tr> <td>Surface Winds</td> <td>Extreme temperature</td> <td>Ceiling versus visibility</td> </tr> <tr> <td>Relative Humidity</td> <td>*Climatological data</td> <td>(over)</td> </tr> </table>			*RUSSWO	Daily temperatures	Atmospheric pressure	Snowfall	Extreme snow depth	Extreme surface winds	Climatology	Sea-level pressure	Psychrometric summary	Surface Winds	Extreme temperature	Ceiling versus visibility	Relative Humidity	*Climatological data	(over)
*RUSSWO	Daily temperatures	Atmospheric pressure															
Snowfall	Extreme snow depth	Extreme surface winds															
Climatology	Sea-level pressure	Psychrometric summary															
Surface Winds	Extreme temperature	Ceiling versus visibility															
Relative Humidity	*Climatological data	(over)															
20. ABSTRACT (Continue on reverse side if necessary and identify by block number) This report is a six-part statistical summary of surface weather observations for HELLENIKON AB, GREECE It contains the following parts: (A) Weather Conditions; Atmospheric Phenomena; (B) Precipitation, Snowfall and Snow Depth (daily amounts and extreme values); (C) Surface winds; (D) Ceiling versus Visibility; Sky Cover; (E) Psychrometric Summaries (daily maximum and minimum temperatures, extreme maximum and minimum temperatures, psychrometric summary of wet-bulb temperature depression versus dry-bulb temperature, means and standard deviations of dry-bulb, wet-bulb (over)																	

DD FORM 1 JAN 73 1473

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19. Percentage frequency of distribution tables
Dry-bulb temperature versus wet-bulb temperature
Cumulative percentage frequency of distribution tables

GREECE

HELLENIKON AB, GREECE

20. and dew point temperatures and relative humidity); and (F) Pressure
Summary (means, standard, deviations, and observation counts of
station pressure and sea-level pressure). Data in this report are
presented in tabular form, in most cases in percentage frequency of
occurrence or cumulative percentage frequency of occurring tables.

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The number that identifies the station in this summary is an AWS Master Station Catalog number. This number is comprised of the WMO number with the addition of a suffix zero; or, in cases where there is no designated WMO number, a 5-digit number created in agreement with WMO rules, plus a sixth qualifying digit. These numbers (also referred to as DATSAV or USAFETAC numbers) uniquely identify each of more than 15,000 reporting stations around the world. This is the provenance of the number (e.g., MSC 999999) which will appear on future OL-A standard products.

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

HOURLY OBSERVATIONS

Hourly observations are defined as those records or record-specimens observations recorded at scheduled hourly intervals.

DAILY OBSERVATIONS

Daily observations are selected from all data recorded on reporting forms and combined into summary of the day observations (record-specimen, local, summary of the day, remarks, etc.)

DESCRIPTION OF SUMMARIES

Each section is a brief description of the data comprising each part of the revised uniform summary of surface weather observations and the manner of presentation. Observations are prepared from hourly and daily observations recorded by stations operating under the revised and those foreign stations with similar reporting practices.

Unless otherwise noted the following summaries are included for this station:

PART A WEATHER CONDITIONS

ATMOSPHERIC PHENOMENA

PART B PRECIPITATION

SNOWFALL

SNOW DEPTH

PART C SURFACE WINDS

PART D CEILING VERSUS VISIBILITY

SKYCOVER

PART E DAILY MAX, MIN, & MEAN TEMP

EXTREME MAX & MIN TEMP

PSYCHROMETRIC DRY VS WET BULB

MEAN & STD DEV
(DRY BULB, WET BULB, & DEW POINT)

RELATIVE HUMIDITY

PART F STATION PRESSURE

SEA LEVEL PRESSURE

STANDARD 3-HOUR GROUPS

All summaries requiring diurnal variations are summarized in eight 3-hour periods corresponding to the following sets of hourly observations: 0000-0300, 0300-0600, 0600-0900, 0900-1200, 1200-1500, 1500-1800, 1800-2100, 2100-2400 hours local standard time.

MISSING HOUR GROUPS

Summary sheets are omitted when stations maintaining limited observing schedules did not report certain three-hour periods for any particular month during the available period of record. Such missing sheets are listed below, and are applicable to all summaries prepared from hourly observations.

JANUARY _____

APRIL _____

JULY _____

OCTOBER _____

FEBRUARY _____

MAY _____

AUGUST _____

NOVEMBER _____

MARCH _____

JUNE _____

SEPTEMBER _____

DECEMBER _____

STATION NO. ON SUMMARY		STATION NAME		LATITUDE		LONGITUDE		STATION ELEV (FT)		CALL SIGN		WMO NUMBER	
167160		HELLENIKON AB GR		N 37 54		E 23 44		90 FT		LGAT		167160	
STATION LOCATION AND INSTRUMENTATION HISTORY													
NUMBER OF LOCATION	GEOGRAPHICAL LOCATION & NAME	TYPE OF STATION	AT THIS LOCATION		LATITUDE	LONGITUDE	ELEVATION ABOVE MSL		OBS PER DAY				
			FROM	TO			STATION (FT)	SEAS BAROMETER					
1	Hassina Apt, Athens Greece	AAF	Nov 44	Apr 46	N 37 54	E 23 44	82	92	17 + 024				
2	Athinai Apt, Athens Greece	Greek Met. Service	Jan 61	Dec 66	No Change	E 23 44	108	N/A	24				
3	HELLENIKON AB GREECE	"	JAN 67	DEC 81	No Change	No Change	90	N/A	No Change				

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
1	Nov 44 to Apr 46	Not Available	N/A	N/A	N/A	
2	Jan 61 to Dec 66	Not Available	N/A	N/A	N/A	
3	Jan 67 to Dec 81	Not Available	N/A	N/A	N/A	

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

A

PART A

WEATHER CONDITIONS

This summary is a percentage frequency occurrence of various atmospheric phenomena and obstructions to vision, derived from hourly observations, and is presented in two tables as follows:

1. By month and annual, all hours and years combined.
2. By month, all years combined, by standard 3-hour groups.

A percent value of ".0" in these tables indicates less than .05 percent, which is usually only one occurrence. The various phenomena included in each category on the forms are listed below:

Thunderstorms - All reported occurrences of thunderstorm, tornado, and waterspout.

Rain and/or drizzle - All liquid precipitation, falling to the ground, not freezing.

Freezing rain and/or freezing drizzle (glaze) - Precipitation falling in liquid form, but freezing on contact with an unheated surface.

Snow and/or sleet (ice pellets) - Included are snow, snow pellets, sleet, snow grains, ice crystals, and ice pellets from Jan 68 and later. (Snow pellets also known as soft hail)

Hail - Occurrences of hail and small hail are included.

Percentage of observations with precipitation - Included in this category are the observations when one or more of the above phenomena occurred. Since more than one type of precipitation may be reported in the same observation, the sums of the individual categories may exceed the percentages of the observations with precip.

Fog - Included are fog, ice fog, and ground fog.

Smoke and/or haze - Occurrences of smoke, haze, or combinations of smoke and haze are included.

Blowing snow - Occurrences of blowing snow (also drifting snow when reported from non-WBAN sources).

Dust and/or sand - Included are blowing dust, blowing sand, and dust.

Continued on Reverse

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

67150 STATION HELLNIKON AB GR 73-81 YEARS JAN MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
JAN	00-02	.2	9.8		.4		10.2	1.7				1.7	607
	03-05	.2	9.2		.5		9.7	1.6	.1			1.7	608
	06-08		8.8		.6		9.4	3.8	1.0			4.8	617
	09-11	.2	7.2		.7		7.9	4.3	2.6			6.9	608
	12-14	.1	8.0		.5		8.5	1.0	1.1			2.1	600
	15-17		7.4		.4		7.8	.2	.2			.5	612
	18-20	.4	9.9		.4		10.1	.5				.5	618
	21-23	.2	8.4		.2		8.6	1.6	.2			1.8	617
TOTALS		.2	8.6		.5		9.0	1.8	.7			2.5	6487

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

16-150 STATION HELLINIKON AB GR 73-81 FEB
STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
FEB	00-02	.1	7.5		.1		7.6	2.2	.1			7.3	737
	03-05		8.8		.4		9.2	4.2	.8			5.0	738
	06-08	.3	7.0		.7		7.7	5.6	.7			6.2	738
	09-11	.3	9.0		.8		9.8	5.4	2.8			8.2	744
	12-14		6.8				6.8	.5	.9			1.3	737
	15-17	.5	6.2		.1		6.3	.7	.3			.9	742
	18-20	.3	9.2		.3		9.4	.8				.8	742
	21-23	1.1	8.2		.3		8.4	.8	.1			.9	748
TOTALS		.3	7.8		.3		8.2	2.5	.7			3.2	5926

GLOBAL CLIMATOLOGY BRANCH
 AFSLTAC
 AF WEATHER SERVICE/MAC

WEATHER CONDITIONS

6160
 STATION

HELLENIKON AF GR
 STATION NAME

73-81
 YEARS

MAP
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
MAP	00-02	.1	5.5		.1		5.6	3.5	.1			3.0	236
	03-05	.2	5.6				5.6	6.6	.2			5.6	324
	06-08	.7	5.1				5.1	12.9	1.7			14.0	848
	09-11	.2	5.1				5.1	9.3	5.0			14.3	817
	12-14	.6	4.9				4.9	2.1	1.7			7.8	312
	15-17	.4	3.3		.2		3.4	.5	1.4			1.8	213
	18-20	.5	5.3				5.3	1.0	1.6			7.6	945
	21-23	.5	6.3				6.3	1.0	.1			1.1	412
TOTALS		.4	5.1		.0		5.2	4.6	1.5			6.1	6468

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/MAC

WEATHER CONDITIONS

AF 160
STATION

HELLENIKON AB GR
STATION NAME

73-81

YEARS

2 P
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HALE	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
APR	00-02	.1	4.4				4.4	1.4	.4			1.5	779
	03-05		3.1				3.1	3.3	.4			3.7	779
	06-08	.4	4.5				4.5	10.6	3.1			13.7	781
	09-11	.5	5.5				5.5	4.7	4.1		.1	8.8	782
	12-14	.1	3.0				3.0	1.9	2.3		.1	4.4	779
	15-17		5.0				5.0	1.5	1.5			3.1	777
	18-20	.1	4.6				4.6	1.0	2.2		.1	3.3	785
	21-23	.3	4.5				4.5	.9	.5			1.4	783
TOTALS		.2	4.3				4.3	3.2	1.8		.0	5.0	6245

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
R11 WEATHER SERVICE/MAC

WEATHER CONDITIONS

16-18
STATION

HELLENIKON AP GR
STATION NAME

73-81
YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
MAY	00-02	.2	1.6				1.6	1.1				1.1	815
	03-05	.1	1.3				1.3	3.4	.2			3.7	817
	06-08	.6	2.0				2.0	8.5	6.4			14.8	813
	09-11	.4	1.8				1.8	2.5	2.7			5.2	826
	12-14	1.1	2.3				2.3	1.1	.5			1.5	818
	15-17	1.5	4.1				4.1	.9	.5			1.4	811
	18-00	.1	3.0				3.0	.1	.5			.6	820
	21-23		2.9				2.9	.4				.4	819
TOTALS		.5	2.4				2.4	2.3	1.4			3.6	6539

FEDERAL CLIMATOLOGY BRANCH
WLFSTAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

16-16
STATION

HELLENIKON AB GP
STATION NAME

73-81
YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
JUN	00-02	.1	.3				.3	.5				.5	764
	03-05	.1	.8				.8	3.6	.8			4.4	770
	06-08	.1	1.0				1.0	5.6	5.9			11.5	792
	09-11	.3	1.4				1.4	.9	1.4			2.3	782
	12-14	.4	.6				.6		.5			.5	780
	15-17	.6	.8				.8		.3			.3	777
	18-20	.4	.9				.9	.4	.4			.5	780
	21-23	.3	.9				.9		.1			.1	791
TOTALS		.3	.8				.8	1.4	1.2			2.5	6256

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/MAC

WEATHER CONDITIONS

16 JUL 73-81
STATION HELLINIKON AF GP STATION NAME YEARS JUL MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST.)	THUNDER STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HALE	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUL	0-22		.4				.4	.6	.4			1.0	792
	23-25		.1				.1	1.5	.9			2.4	792
	26-28		.1				.1	4.6	8.6			11.2	785
	29-31							.8	2.3			3.6	778
	12-14	.4	.4				.4	.3	1.7			1.3	791
	15-17		.1				.1	.3	.8		.1	1.1	798
	18-20	.1	.4				.4	.3	.4			.6	794
	21-23	.3	.6				.6	.4	.4			.8	793
TOTALS		.1	.3				.3	1.1	1.7		.0	2.8	6323

GLOBAL CLIMATOLOGY BRANCH
USAFSTAC
4th WEATHER SERVICE/MAC

WEATHER CONDITIONS

61180 HELLENIKON AS GP 73-81 AUG
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
AUG	01-02	.3	.5				.5	.5	.1			.6	791
	03-05							1.3	.1			1.4	789
	06-08							4.2	4.3			8.4	793
	09-11							1.1	2.7			3.8	785
	12-14	.4	.5				.5	.1	1.1			1.3	795
	15-17	.4	.6				.6	.1	.5		.1	.7	801
	18-20	.7	.6				.6	.1	.6			.7	804
	21-23	.7	1.0				1.0	.5	.1			.6	805
TOTALS		.3	.4				.4	1.0	1.2		.0	2.2	6303

GENERAL CLIMATOLOGY BRANCH
 WAFETAC
 AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

15 160
 STATION

HELLENIKON AB GR
 STATION NAME

73-81

YEARS

SEP
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST.)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
SEP	00-07	.1	1.5				1.5	1.0	.1			1.2	776
	08-05	.4	1.0				1.0	1.0				1.0	775
	06-06	.3	.4				.4	5.7	3.8			9.0	768
	09-11	.3	.4				.4	3.0	4.7			7.7	791
	12-14	.1	1.3				1.3		1.0			1.0	795
	15-17	.4	1.1				1.1	.5	1.7			1.5	791
	18-20	.5	1.3				1.3	.5	1.1			1.5	790
	21-23	.4	1.3				1.3	.6	.3			.9	766
TOTALS		.3	1.0				1.0	1.5	1.5			3.0	6272

J. L. CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

45150
 STATION

HELLEVIKON AS GP
 STATION NAME

73-81

YEARS

OCT
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
OCT	00-02	.9	4.3				4.3	3.5	.4			3.6	409
	03-05	1.0	4.9				4.9	4.2	.4			4.6	511
	06-08	1.0	6.5				6.5	6.6	1.7			2.3	616
	09-11	.5	4.5				4.5	5.0	3.8			8.8	816
	12-14	.9	4.4				4.4	1.8	2.1			0.9	813
	15-17	1.6	4.2				4.2	1.1	1.9			3.0	805
	18-20	1.2	4.4				4.4	.5	1.7			2.2	913
	21-23	1.1	4.2				4.2	1.1	1.0			2.1	817
TOTALS		1.0	4.7				4.7	3.0	1.6			4.6	6500

CENTRAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

16 04 HELLINIKON AB GR 73-81 NOV
STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HALE	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
NOV	0-22	.9	7.0				7.0	3.7	.1			7.0	762
	23-25	1.2	5.4				5.4	5.1				5.1	779
	26-28	.9	7.0				7.0	5.9	.5			6.5	761
	29-31	.5	4.7		.1	.1	4.9	5.5	1.9			7.3	743
	12-14	.6	5.1				5.1	1.2	.5			1.7	779
	15-17		5.6				5.6	.4				.4	754
	18-20	.9	6.9				6.9	1.1				1.1	798
	21-23	.9	5.2				6.2	1.4	.3			1.5	797
TOTALS		.7	6.7		.1	.1	6.0	3.0	.4			3.4	6787

J. AL CLIMATOLOGY BRANCH
 PETAC
 WEATHER SERVICE/MAC

WEATHER CONDITIONS

STATION HELLENIKON AB GP YEARS 73-81 MONTH DEC

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
 CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
DEC	0-12	.6	8.4				8.4	2.7	.1			7.3	623
	13-25	.6	8.8				6.6	2.6	.1			2.7	607
	26-38	.7	7.8				7.8	3.5				3.5	603
	39-51	.2	8.9				8.9	4.6	1.3			6.7	619
	52-64	.2	6.4				8.4	1.7	1.0			2.7	605
	65-77	.2	6.4				6.4	1.1	.2		.1	1.3	601
	78-90	.6	7.7				7.3	.9	.2			1.1	617
	91-103	1.1	7.1				7.1	1.2	.2			1.5	616
	104-116												
	117-129												
	130-142												
	143-155												
TOTALS		.5	7.2				7.9	2.3	.4		.2	2.7	6457

LOCAL CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/MAC

WEATHER CONDITIONS

64161
STATION

HELLENIKON AB GP
STATION NAME

73-81

YEARS

ALL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	ALL	.2	3.6		.5		9.0	1.8	.7			2.5	6487
FEB		.3	7.8		.3		6.2	2.5	.7			3.2	3926
MAR		.4	5.1		.0		5.2	4.6	1.5			6.1	6468
APR		.2	4.3				4.3	3.2	1.8		.0	5.0	6245
MAY		.5	2.4				2.4	2.3	1.4			3.6	6539
JUN		.3	.8				.8	1.4	1.2			2.5	6256
JUL		.1	.3				.3	1.1	1.7		.0	2.3	6323
AUG		.3	.4				.4	1.0	1.2		.0	2.2	6363
SEP		.3	1.0				1.0	1.5	1.5			3.0	6272
OCT		1.0	4.7				4.7	3.0	1.6			4.6	6500
NOV		.7	6.0		.0	.0	6.0	3.0	.4			3.4	6287
DEC		.5	7.9				7.9	2.3	.4		.0	2.7	6462
TOTALS		.4	4.1		.1	.0	4.2	2.3	1.2		.0	3.3	76148

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART C

SURFACE WINDS

Presented in this part are various tabulations of surface winds as follows:

- * 1. Extreme Values - Peak Gusts: Derived from daily observations and presented by individual year and month for the entire period of record available. Speeds are presented in knots, while directions are given in 16 compass points from the beginning of record through June 1968, and in tens of degrees starting in July 1968. The extreme is selected and printed from available peak gusts for each year-month, however an asterisk (*) is printed in the data block if less than 90% (3 or more missing observations) of the peak gusts are available for the month. An ALL MONTHS value is presented when every month of the year has valid observations. Means and standard deviations are also computed when four or more values are present for any column. A total raw count of valid observations is presented for each month and ALL MONTHS.

NOTE: According to Federal Meteorological Handbook No. 1 specifications (formerly Circular N), "peak gust data are recorded only at stations with continuous instantaneous wind-speed recorders."

- * 2. Bivariate percentage frequency tabulations: Derived from hourly observations, these tabulations are a percentage frequency of wind directions to 16 compass points and calm by wind speeds (knots) in increments of Beaufort classifications. Percentages are shown by both directions and speed, and in addition the mean wind speed is given for each direction.

A separate category is provided on the form for variable winds, which are reported in some data sources. In these data where light and variable winds are reported with no directions but with speeds given, the speeds will be summarized in the appropriate groups opposite the column headed VRBL.

- a. Three tables are prepared for ALL WEATHER surface winds, all years combined, by: (1) Annual - all hours combined, (2) By month - all hours combined, and (3) By month - by standard 3-hour groups.
- b. A separate annual table is also presented for surface winds meeting INSTRUMENT CLASS conditions as follows: Ceiling 200 through 1400 feet inclusive with visibility equal to or greater than 1/2 mile, and/or visibility 1/2 through 2-1/2 miles inclusive with ceiling equal to or greater than 200 feet.

NOTE: A percentage frequency of ".0" in these tables represents one or more occurrences amounting to less than ".05" percent.

*Values for means and standard deviations do not include measurements from incomplete months.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

167160
STATION

HELLENIKON AB GR
STATION NAME

73-81
YEARS

JAN
MONTH

ALL WEATHER

0000-0200
HOURS (L.S.T.)

CLARE

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	6.9	6.9	4.3	1.0	1.0						20.8	9.6
NNE	.4	4.1	3.5	3.0	1.4	.6	.1					13.0	10.8
NE	.5	3.6	1.5	1.4	.2	.1						7.3	8.2
ENE	1.0	3.6	2.1	1.0	.7							8.4	8.7
E	.2	1.6	.6	.6	.2							3.3	8.4
ESE	.1	1.6	.2	.4								2.4	6.1
SE	.2	.7	.4	.1	.2	.1						1.9	9.1
SSE	.4	.7	.7	.4								2.2	7.1
S		.2	.5	1.2	1.1	.2						3.3	15.0
SSW		.1	.4	.5	.5	.1						1.6	14.1
SW			.4	.6	.1							1.1	13.8
WSW		.2		.4								.6	9.0
W		.1	.4		.1							.6	10.0
WNW		.2	.2	.1	.2							.9	11.6
NW		1.2	.9	1.0	.9							4.0	11.0
NNW	.4	1.9	.7	1.4	.5							4.8	9.1
VARBL												23.6	
CALM													
	3.8	27.0	19.5	16.4	7.3	2.2	.1					100.0	7.4

TOTAL NUMBER OF OBSERVATIONS

806

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

167160

HELLENIKON AB GR

73-81

JAN

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

0300-0500

CLASS

HOUS (L S Y)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	5.3	4.6	5.1	2.4	.6						19.1	10.3
NNE	1.0	3.0	4.1	3.2	1.9	.9	.2					14.3	11.4
NE	1.5	3.7	.7	.6	.2	.4						7.2	7.0
ENE	1.6	3.7	1.6	.4	1.1							8.4	7.5
E	.5	1.4	.2	1.0	1.2							4.3	11.0
ESE	.5	.1	.4	.1								1.1	6.0
SE	.1	.1	.5	.1								.9	7.4
SSE		.7	.4	.5	.2							1.9	9.9
S	.1	.2	.4	.7	.7	.1						2.4	13.3
SSW			.6	1.2	.6	.1	.2					2.9	15.4
SW		.1	.5	.4	.4							1.4	12.7
WSW	.1	.4	.1		.1							.7	7.7
W		.6		.1	.1							.9	8.3
WNW		.1										.1	4.0
NW	.1	.5	.6	1.4	.7	.2						3.6	13.2
NNW	.4	2.7	2.9	1.1	.2	.2		.1				7.7	9.0
VARBL													
CALM												23.3	
	7.1	22.8	17.6	16.0	10.0	2.6	.5	.1				100.0	7.7

TOTAL NUMBER OF OBSERVATIONS

807

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

167167 HELLLENIKON AB GR 73-81
STATION STATION NAME YEARS
ALL WEATHER
CLASS
CONDITION
JAN
MONTH
0600-0800
HOURS (L & T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	4.6	5.7	6.4	1.0	.7	.1					19.4	10.6
NNE	.9	3.3	3.2	3.6	1.5	.6	.4					13.5	11.1
NE	1.2	4.2	1.0	.9	.5	.2						8.0	7.2
ENE	1.0	5.9	.7	1.6		.1						9.4	6.7
E	.4	1.9	.7	1.2	.2	.7						5.2	10.7
ESE	.4	.4	.5	.1	.1							1.5	7.9
SE			.7	.1								.9	10.1
SSE	.1	.7	.6	1.0	.1							2.6	9.7
S	.2	.1	.1	1.2	.4							2.1	12.5
SSW			.5	1.4	.7	.1						2.7	14.6
SW	.1	.4	.5	.5	.1	.1						1.7	11.1
WSW		.4	.2	.1	.1							.9	8.4
W		.2	.1			.1	.1					.6	14.6
WNW		.1	.2	.2	.4							1.0	13.5
NW	.2	.4	.9	.6	.4							2.5	10.3
NNW	.6	1.5	2.2	1.6	.5		.2					6.7	9.9
VARBL		.1										.1	4.0
CALM												21.4	
	6.0	24.2	18.0	20.6	6.0	2.8	.9					100.0	7.8

TOTAL NUMBER OF OBSERVATIONS 810

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AI- WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

167167
STATION

HELLENIKON AB GR
STATION NAME

73-81
YEARS

JAN
MONTH

ALL WEATHER
CLASS

0900-1100
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	5.1	4.9	5.9	3.4	.3	.1	.3				20.9	11.2
NNE	.6	2.5	1.9	4.0	2.3	.4		.1				11.8	12.2
NE	.6	.9	.6	1.6	.5	.1						4.4	10.4
ENE	.6	1.1	1.3	2.4	.6	.1						6.1	10.7
E	.1	.5	.4	1.3	.6							2.9	12.1
ESE		.5	.1	.5	.1	.1						1.4	10.6
SE	.3	.6	.5	.6	.1							2.1	8.9
SSE	.1	.4	.6	1.4	.4	.1						3.0	11.9
S		.3	.8	.8	.5	.1						2.4	12.8
SSW		.3	.1	.9	.8	.1						2.1	14.7
SW		.3	.4	.9	.1	.1						1.8	12.7
WSW	.1	.3	.3	.1	.4	.1						1.3	12.1
W	.1	.3	.1	.3	.1							.9	10.3
WNW	.4	1.8	.8	.5	.1							3.5	7.5
NW	.6	1.1	.6	1.3	.3		.1					4.0	9.8
NNW	.1	1.5	2.5	1.1	.8	.4		.1				6.5	11.0
VARBL													
CALM												24.9	
	4.8	17.3	15.8	23.4	11.0	2.0	.3	.5				100.0	8.4

TOTAL NUMBER OF OBSERVATIONS

798

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

167160
STATION

HELLENIKON AB GR

STATION NAME

73-81

YEARS

JAN

MONTH

1200-1400

HOURS (LST)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	2.5	3.1	8.3	3.5	.4		.1				18.1	13.1
NNE		.8	2.0	5.4	2.8	.5		.3				11.7	14.9
NE	.1	.4	1.3	1.0	.9	.1						3.8	12.3
ENE		.6	.3	1.6	.5							4.0	12.0
E		.3	.3	.5	.5	.1						1.6	14.1
ESE	.1	.1	.6	.5								1.4	9.2
SE	.1	.3	.1	.5	.1							1.1	10.9
SSE	.1	.9	1.3	1.3	.5	.3						4.3	11.4
S	.3	.9	.6	2.1	.4	.1						4.4	11.5
SSW	.4	1.0	.3	.9	.8							3.3	10.5
SW	.1	1.3	.9	1.0								3.3	8.2
WSW	.4	2.5	.4	.1	.1							3.5	6.0
W	.9	4.9	1.4	1.4		.1						8.7	7.0
WNW	.9	2.8	.5	.8	.3	.1						5.3	7.0
NW	.5	1.8	1.4	1.4	.3	.1						5.4	9.2
NNW	.4	2.6	2.3	1.8	1.0	.4						8.4	10.2
VARBL	.1	.3										.4	4.0
CALM												11.2	
	4.5	23.8	17.6	28.6	11.6	2.3		.4				100.0	9.7

TOTAL NUMBER OF OBSERVATIONS

794

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

167161
STATION

HELLENIKON AB GR
STATION NAME

73-81
YEARS

JAN
MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		2.2	2.9	6.0	2.7	.7	.2					14.8	13.2
NNE		1.1	2.7	6.5	2.5		.4	.1				13.3	13.9
NE		.7	.5	2.0	.2	.1						3.6	11.8
ENE		.9	3.1	1.7	.5							6.2	10.6
E		1.0	.9	1.4								3.2	9.7
ESE			.5	.1								.6	10.0
SE	.1	.1	.6	.2								1.1	8.3
SSE	.1	1.5	1.4	1.6	.6							5.2	10.2
S	.9	3.5	1.1	1.2	1.1	.1						7.9	8.9
SSW	.9	3.1	1.0	.5	.2	.4						6.1	7.7
SW	.4	1.2	.2	.6	.1							2.6	7.7
WSW	.6	1.4	.1	.2								2.4	5.4
W	.6	1.5	.6	1.0	.2							4.0	8.6
WNW	.4	1.7	.6	.1								2.9	5.8
NW	.2	1.5	1.7	1.4	1.0	.6						6.5	11.7
NNW		1.6	2.0	2.4	2.0	.2						8.2	12.3
VARBL													
CALM												11.5	
	4.2	23.1	20.0	26.9	11.3	2.2	.6	.1				100.0	9.6

TOTAL NUMBER OF OBSERVATIONS

806

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIF WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

167160
STATION

HELLENIKON AB GR
STATION NAME

73-81
YEARS

JAN
MONTH

ALL WEATHER
CLASS

1800-2000
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	2.9	4.7	6.6	2.2	.2						17.3	11.4
NNE	.7	1.8	3.8	4.2	1.0	.7	.4	.1				12.7	12.0
NE	.1	2.7	2.0	1.3	.9	.1						7.1	9.6
ENE	.4	4.0	4.5	1.5	.5		.1					11.0	8.5
E	.6	2.0	1.6	1.2	.2			.1				5.8	8.7
ESE	1.0	2.1	.4	.2	.1							3.8	5.7
SE	.5	1.5	.9	.9								3.7	7.4
SSE	.6	1.2	.9	.4	.2							3.3	7.4
S	.2	.9	.5	1.3	.7	.2						3.9	11.8
SSW		.5	.1	.4	.5	.1						1.6	12.5
SW		.2	.1	.4	.2							1.0	12.3
WSW		.5	.2	.2								1.0	7.8
W	.2	.6	.4	.6								1.8	8.2
WNW	.1	.2	.5	.4								1.2	8.5
NW	.1	.2	.5	1.1	.9	.2						3.1	14.6
NNW	.1	1.8	2.2	2.6	1.2	.2						8.2	11.6
VARBL		.1										.1	4.0
CALM												13.6	
	5.1	23.4	23.2	23.3	8.7	2.0	.5	.2				100.0	8.8

TOTAL NUMBER OF OBSERVATIONS

816

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

167160
STATION

HELLENIKON AB GR
STATION NAME

73-81
YEARS

JAN
MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	5.2	6.5	4.8	1.6	.4						18.9	10.2
NNE	.5	3.9	2.2	2.7	1.2	.1	.6					11.3	10.8
NE	1.0	1.8	2.0	1.6	.2							6.7	8.4
ENE	1.6	4.3	2.3	2.0	.2							10.5	7.4
E	.4	1.2	.9	1.4	.2							4.1	9.2
ESE	.7	1.4	1.4	.4								3.8	6.4
SE	1.0	1.1	1.0	.6	.1	.1						3.9	7.5
SSE	.2	.4	.4	.4	.1	.1						1.6	10.2
S	.1	.1	.4	1.1	.9							2.6	13.5
SSW			.6	1.0	.2	.1						2.0	13.1
SW		.4		.1								.5	8.0
WSW		.2	.5									.7	6.8
W	.4	.4	.6	.7	.1							2.2	9.0
WNW	.1	.1	.7	.6	.1							1.7	10.1
NW	.1	.5	1.6	.5	.7	.1						3.6	11.5
NNW	.6	1.6	1.5	2.2	.4							6.3	9.5
VARBL													
CALM												19.6	
	7.2	22.7	22.6	20.1	6.3	1.0	.6					100.0	7.6

TOTAL NUMBER OF OBSERVATIONS

811

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

167160
STATION

HELLENIKON AB GR
STATION NAME

73-81
YEARS

JAN
MONTH

ALL WEATHER
CLASS

ALL
MOUSE (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	4.4	4.9	5.9	2.2	.5	.1	.0				18.6	11.1
NNE	.5	2.6	2.9	4.1	1.8	.5	.3	.1				12.7	12.1
NE	.6	2.3	1.2	1.3	.5	.2						6.0	8.9
ENE	.8	3.0	2.1	1.5	.5	.0	.0					8.0	8.5
E	.3	1.2	.7	1.1	.4	.1		.0				3.8	10.1
ESE	.4	.8	.5	.3	.0	.0						2.0	7.0
SE	.3	.6	.6	.4	.1	.0						2.0	8.3
SSE	.2	.8	.8	.9	.3	.1						3.0	9.9
S	.2	.8	.5	1.2	.7	.1						3.6	11.7
SSW	.2	.6	.4	.8	.5	.1	.0					2.8	11.9
SW	.1	.5	.4	.6	.1	.0						1.7	10.3
WSW	.2	.7	.2	.2	.1	.0						1.4	7.2
W	.3	1.1	.4	.5	.1	.0	.0					2.5	8.2
WNW	.2	.9	.4	.3	.1	.0						2.1	8.0
NW	.2	.9	1.0	1.1	.6	.2	.0					4.1	11.3
NNW	.3	1.9	2.0	1.8	.8	.2	.0	.0				7.1	10.4
VARBL	.0	.1										.1	4.0
CALM												18.6	
	5.4	23.0	19.3	21.9	9.0	2.1	.4	.2				100.0	8.4

TOTAL NUMBER OF OBSERVATIONS 6448

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

167167
STATION

HELLENIKON AB GR
STATION NAME

73-81
YEARS

FEB
MONTH

ALL WEATHER
CLASS

0000-0200
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	5.1	4.7	3.7	.7	.1						15.5	8.8
NNE	1.1	3.4	4.1	3.8	1.5	.5	.1					14.6	10.7
NE	.5	1.5	1.4	1.9	.1							5.5	9.3
ENE	1.1	3.4	.3	1.5	.1							6.4	7.0
E	.5	1.6	.7	1.2	.3		.1	.3				4.8	10.7
ESE	.1	.7	.5	.3	.5							2.2	10.5
SE	.3	1.1	1.6	1.2	.7							4.9	10.1
SSE	.1	1.0	.7	1.0								2.7	8.4
S		.3	.8	1.1	.3	.1						2.6	12.2
SSW		.3	.3	1.6	.3							2.5	12.8
SW	.1		.7	.5								1.4	10.0
WSW			.1									.1	8.0
W		.1	.1									.3	6.0
WNW		.1	.4	.4	.1							1.1	11.3
NW	.1	.7	1.1	1.4	.3							3.6	11.2
NNW	.5	.7	2.1	.8								4.1	8.6
VARBL													
CALM												27.8	
	5.9	20.0	19.6	20.5	4.9	.8	.3	.3				100.0	7.0

TOTAL NUMBER OF OBSERVATIONS

731

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

167160

HELLENIKON AB GR

73-81

FEB

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

0300-0500

CLASS

HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.8	4.9	4.6	3.5	1.4	.1						16.3	9.1
NNE	.7	3.1	3.1	3.7	1.6	.3						12.5	10.6
NE	.4	2.3	.5	1.8	.8							5.8	9.7
NNE	.3	2.6	.9	1.2	.5			.1				5.7	9.1
E	.8	1.9	1.2	1.4		.1	.1	.1				5.7	9.1
ESE	.4	1.1	.9	.5	.3	.3						3.5	9.3
SE	.4	1.8	1.5	1.1	.8							5.6	9.3
SSE	.3	.9	.9	.4								2.6	7.5
S		.3	.8	.8	.3							2.2	11.1
SSW	.1		.4	.8	.4	.1						1.9	14.1
SW		.7	.3	.4	.1							1.5	9.5
WSW		.3	.1	.1		.3						.8	14.0
W		.3										.3	6.0
WNW	.1	.3		.1								.5	7.5
NW	.3	.4	.9	.7	.4							2.7	10.4
NNW	.4	2.4	1.5	1.5	.4							6.2	8.6
VARBL													
CALM												26.2	
	6.0	23.2	17.9	18.0	7.1	1.2	.1	.3				100.0	7.1

TOTAL NUMBER OF OBSERVATIONS

737

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

167160
STATION

HELLENIKON AB GR
STATION NAME

73-81
YEARS

FEB
MONTH

ALL WEATHER
CLASS

3600-0800
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.8	6.2	3.7	4.3	2.0	.3						17.4	9.9
NNE	.4	4.2	2.2	3.7	1.2	.3						12.0	10.2
NE	1.6	2.9	1.1	2.4	.8			.1				9.0	9.3
ENE	1.8	2.9	1.2	1.2	.5	.1						7.7	7.7
E	.4	1.5	1.0	1.0	.4							4.2	8.7
ESE	.3	1.5	.8	1.5								4.1	9.1
SE	.1	1.6	1.0	1.5	.7	.1						5.0	10.8
SSE		.7	1.1	.1	.3							2.2	8.8
S		.4	1.1	1.2	.3							3.0	11.2
SSW			.3	.8	.3	.1						1.5	14.5
SW		.3	.1	.4								.8	9.7
WSW		.3	.3	.3	.1							1.0	10.1
W	.3		.3		.1	.3						1.0	12.6
WNW	.1		.3	.3								.7	8.6
NW	.1	.5	.5	1.1	.3							2.6	10.6
NNW		1.2	1.4	1.1	.1							3.8	9.0
VARBL													
CALM												24.2	
	6.0	24.2	16.2	20.9	7.2	1.2		.1				100.0	7.4

TOTAL NUMBER OF OBSERVATIONS

736

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

167160
STATION

HELLENIKON AB GR
STATION NAME

73-81
YEARS

FEB
MONTH

ALL WEATHER
CLASS

0900-1100
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	4.1	3.8	4.3	3.7	.5						16.2	11.4
NNE	.5	1.6	3.2	6.4	2.6	.4						14.7	12.7
NE		.9	.9	1.1	1.6	.4	.1					5.1	14.3
ENE	.1	.5	1.1	1.8	.5							4.1	11.7
E	.1	.7	.9	1.2	.1	.1						3.2	10.0
ESE	.1	.3	.4	1.2								2.0	11.3
SE		.7	1.2	2.3	.5							4.7	11.9
SSE	.4	1.1	.9	1.4	.4							4.2	9.7
S	.3	.3	1.6	1.1	.4	.1						3.8	11.5
SSW	.3	.4	.7	.4		.1						1.9	9.1
SW	.3	.4	.5	.1								1.4	7.3
WSW	.1	.5	.3		.3							1.2	8.2
W	.9	1.9	.5	.1	.4							3.9	6.8
WNW	.1	1.4	.7		.1							2.3	6.9
NW		1.1	1.4	.7	.3							3.4	9.0
NNW		2.4	1.5	.8	.1							4.9	8.0
VARBL													
CALM												22.9	
	3.9	18.3	19.8	22.9	10.4	1.8	.1					100.0	8.4

TOTAL NUMBER OF OBSERVATIONS

739

8
2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

167167
STATION

HELLENIKON AB GR
STATION NAME

73-81
YEARS

FEB
MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	.8	2.7	3.4	2.3	.5	.1					10.2	13.7
NNE	.1	1.1	1.0	5.9	3.8	1.9						13.7	15.5
NE		.4	.5	2.2	1.6	.3						5.0	14.8
ENE		.3	1.2	1.4	1.0							3.8	13.4
E			.5	1.5	.5							2.6	13.3
ESE		.1	.4	.7	.1							1.4	11.8
SE		.1	.7	1.4	1.1	.1						3.4	14.3
SSE	.1	.4	2.4	2.3	.5							5.9	11.8
S	.3	1.6	3.0	2.0	.4	.1						7.5	10.0
SSW	.8	2.9	1.6	1.1	.4							6.3	7.6
SW	.3	3.0	.1	.5	.1							4.1	6.6
WSW	.7	2.9	.8		.1							4.5	5.5
W	1.5	5.6	.8	.3								8.2	5.1
WNW	.1	1.8	1.6	.4	.4							4.4	8.7
NW	.1	1.2	.8	2.0	.7							4.9	10.8
NNW		1.1	1.2	1.6	.4							4.4	10.5
VARBL													
CALM												9.4	
	4.4	23.3	19.6	26.7	13.6	3.0	.1					100.0	10.0

TOTAL NUMBER OF OBSERVATIONS 735

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

16/16
STATION

HELLENIKON AB GR
STATION NAME

73-81
YEARS

FEB
MONTH

ALL WEATHER

CLASS

1500-1700
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.8	2.2	3.9	1.8							8.7	12.6
NNE		.8	2.0	7.6	3.3	.8	.1					14.7	14.7
NE		.4	1.5	2.8	.7	.1						5.6	13.0
ENE		.8	1.4	1.9	.5	.3						4.9	11.9
E			.9	1.9								2.8	12.4
ESE	.1	.3	.5	.4	.1							1.5	9.9
SE	.1		1.8	1.6	.7	.3						4.5	12.4
SSE		1.6	3.3	2.8	.7							8.4	10.2
S	1.1	5.2	5.2	2.2	.8	.1						14.5	8.3
SSW	.7	3.7	3.4	.5	.1							8.4	7.0
SW	.5	1.6	.7		.1							3.0	5.9
WSW	.3	1.9	.3									2.4	4.9
W	.5	1.1	.8	.4	.3							3.1	7.9
WNW		.7	.8	1.1	.1							2.7	11.0
NW		.7	.8	.9	1.5							3.9	13.1
NNW		.3	1.8	1.8	.1							3.9	10.8
VARBL													
CALM												6.9	
	3.4	19.8	27.3	30.0	10.9	1.6	.1					100.0	10.0

TOTAL NUMBER OF OBSERVATIONS 737

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

16716 HELLNIKON AB GR 73-81
STATION STATION NAME YEARS
ALL WEATHER
CLASS
CONDITION
FEB
MONTH
1800-2000
HOURS (LST)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	2.2	3.3	2.8	.7	.5						9.9	10.7
NNE	.1	1.9	3.3	4.7	2.6	.9						13.6	13.1
NE		.7	2.2	1.9	.7							5.4	11.4
ENE	.4	2.3	2.6	3.7	.7							9.6	10.6
E	.3	1.4	1.2	2.0	.3	.1						5.3	10.2
ESE	.3	1.5	.8	.8	.4	.1						3.9	9.1
SE	.9	2.6	1.8	1.6	.7							7.6	8.4
SSE	.9	3.1	1.6	.7	.4							6.8	7.2
S	.4	2.7	.9	1.6	.9	.3						6.9	10.2
SSW	.1	.3	.5	.3	.5							1.8	11.0
SW		.3	.5	.3	.1	.1						1.4	11.6
WSW	.1	.1	.4	.1								.8	7.7
W		.7	.1	.3	.1							1.2	9.1
WNW	.3	.4	.5	.4	.3							1.9	9.2
NW		.8	.7	1.5	.7							3.7	12.1
NNW	.3	.9	2.0	1.1	.4							4.7	9.2
VARBL													
CALM												15.6	
	4.6	21.8	22.5	23.8	9.5	2.2						100.0	8.8

TOTAL NUMBER OF OBSERVATIONS 738

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

167167
STATION

HELLENIKON AB GR
STATION NAME

73-81
YEARS

FEB
MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	3.3	3.2	2.9	1.1	.5						11.6	10.2
NNE	.4	2.8	3.7	4.5	1.1							12.6	10.5
NE	.7	1.7	1.7	2.3	.5							7.0	9.8
ENE	.7	3.6	1.6	2.4	.5		.1					9.0	8.9
E	.7	2.9	1.6	2.0	.4							7.6	8.5
ESE	1.3	1.2	.3	.3	.4	.3						3.7	7.7
SE	.8	1.5	1.5	1.6	.4							5.7	8.9
SSE	.1	.8	.9	.8	.4							3.1	10.3
S	.3	.5	1.1	.9	.8	.1						3.7	11.9
SSW	.1	.7	.7									2.1	8.8
SW		.1	.1	.3								.5	10.8
WSW		.3	.1	.1								.5	7.8
W		.5	.3	.4								1.2	9.1
WNW		.4	1.1	.4	.3							2.1	10.1
NW	.3	.5	1.6	1.3	.1							3.9	9.5
NNW	.4	2.1	1.6	.5								4.7	7.2
VARBL													
CALM												20.9	
	6.3	23.1	21.1	21.5	6.0	.9	.1					100.0	7.5

TOTAL NUMBER OF OBSERVATIONS 748

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

167161
STATION

HELLENIKON AB GR
STATION NAME

73-81
YEARS

FEB
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L E T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	3.4	3.5	3.6	1.6	.3	.0					13.2	10.5
NNE	.4	2.4	2.8	5.0	2.2	.6	.0					13.5	12.3
NE	.4	1.4	1.2	2.1	.9	.1	.0	.0				6.0	11.2
ENE	.5	2.1	1.3	1.9	.6	.1	.0	.0				6.4	9.7
E	.4	1.3	1.0	1.5	.3	.1	.0	.1				4.5	9.9
ESE	.3	.8	.6	.7	.2	.1						2.8	9.5
SE	.3	1.2	1.4	1.5	.7	.1						5.2	10.4
SSE	.3	1.2	1.5	1.2	.3							4.5	9.4
S	.3	1.4	1.8	1.4	.5	.1						5.5	10.0
SSW	.3	1.0	1.0	.8	.3	.1						3.4	9.2
SW	.2	.8	.4	.3	.1	.0						1.7	8.7
WSW	.2	.8	.3	.1	.1	.0						1.4	7.0
W	.4	1.3	.4	.2	.1	.0						2.4	6.8
WNW	.1	.6	.7	.4	.2							2.3	9.2
NW	.1	.7	1.0	1.2	.5							3.6	10.9
NNW	.2	1.4	1.6	1.2	.2							4.6	8.9
VARBL													
CALM												19.2	
	5.0	21.7	20.5	23.0	8.7	1.6	.1	.1				100.0	8.3

TOTAL NUMBER OF OBSERVATIONS

5901

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

16/160
STATION

HELLENIKON AB GR
STATION NAME

73-81
YEARS

MAP
MONTH

ALL WEATHER
CLASS

0000-0200
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	4.7	4.4	2.0	.7	.1						12.5	8.3
NNE	1.7	2.9	1.0	.5	.5	.1						6.0	7.6
NE	.6	1.1	1.6	.6	.1							4.1	7.8
ENE	1.2	2.7	2.4	1.4	.2	.2	.1					8.4	8.4
E	1.0	1.5	1.2	.4	.1	.1						4.4	7.0
ESE	.4	1.9	.4	.7	.1							3.5	7.5
SE		1.1	1.7	.7	.1							3.7	8.6
SSE	.5	1.5	1.2	.2								3.5	6.5
S	.2	.4	.6	.1								1.4	6.5
SSW		.1		.1								.2	10.0
SW													
WSW		.1	.2	.2								.6	10.4
W	.1	.2	.9	.2								1.5	8.4
WNW	.1	.9	.5	.5	.1							2.1	8.2
NW	.6	1.1	1.1	.9	.7	.1						4.6	10.2
NNW	.1	2.2	1.6	1.4	.1							5.5	8.5
VARBL													
CALM												38.0	
	7.2	21.8	19.0	10.1	3.0	.7	.1					100.0	5.1

TOTAL NUMBER OF OBSERVATIONS

802

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

167160
STATION

HELLENIKON AB GR
STATION NAME

73-81
YEARS

MAR
MONTH

ALL WEATHER
CLASS

0300-0500
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 56	%	MEAN WIND SPEED
N	.9	4.6	3.5	2.4	.5							11.9	8.2
NNE	.4	4.3	1.5	1.8	.5		.1					8.5	8.4
NE	1.3	1.9	1.1	.8	.1		.1					5.3	7.1
ENE	1.1	2.9	1.3	1.5	.3							7.0	7.6
E	1.3	.9	.4	.6	.1							3.3	6.6
ESE	.6	.9	.1	.1	.3							2.0	6.8
SE	.4	1.4	.8	1.4	.1							4.0	8.6
SSE	.4	1.0	.4	.1								1.9	6.0
S	.4		.9	.4								1.6	8.5
SSW		.1	.1	.1	.1							.5	11.3
SW		.3			.1							.4	9.3
WSW		.3	.3									.5	6.8
W	.1	.1	.4	.4								1.0	9.1
WNW		.6	.8	.3	.3	.1						2.0	10.9
NW	.1	1.4	.9	1.1	.1							3.6	8.6
NNW	.5	3.3	1.9	1.0	.9							7.5	8.7
VARBL													
CALM												39.1	
	7.4	23.8	14.1	11.9	3.4	.1	.3					100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 800

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

16716

HELLENIKON AB GR

73-81

MAR

STATION

STATION NAME

YEARS

MORSE

ALL WEATHER

0600-0800

CLASS

MOUSE (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.6	6.6	6.0	2.9	1.5	.4						18.9	8.7
NNE	.5	2.6	1.6	1.7	.7	.1						7.3	9.3
NE	.9	2.1	.9	1.0	.4							5.2	7.6
ENE	1.1	2.0	1.0	1.0	.2							5.4	7.3
E	.7	1.0	.5	.7	.1	.1						3.2	8.0
ESE	.4	.5	.2	.5								1.6	8.4
SE		1.1	1.0	.4	.4							2.9	9.3
SSE	.4	.7	1.2	.4								2.7	7.2
S		.1	.7	.2								1.1	9.4
SSW		.1	.2	.2								.6	9.8
SW		.1										.1	4.0
WSW	.1	.2	.1									.5	5.8
W	.1	.4	.4				.1					1.0	8.6
WNW		.4	.1	.7	.1							1.4	12.1
NW	.1	1.2	.6	.5	.1							2.6	8.1
NNW	.5	2.4	1.7	1.5	.7	.1						7.0	9.4
VARBL													
CAL'D												38.4	
	6.5	21.7	16.4	11.8	4.4	.7	.1					100.0	5.3

TOTAL NUMBER OF OBSERVATIONS

803

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

16716
STATION

HELLENIKON AB GR
STATION NAME

73-81
YEARS

MAR
MONTH

A-L WEATHER
CLASS

0900-1100
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	3.9	3.3	5.4	1.4	.5						14.8	10.8
NNE		.5	1.8	3.6	1.3	.1	.3					7.5	13.8
NE		.5	1.3	1.6	.1	.1						3.6	11.7
ENE		.8	.5	1.1	.3							2.6	10.6
E		.1	.1	.8	.1			.1				1.3	14.9
ESE		.4	.4	.1								.9	7.6
SE	.3	.5	.3	.6	.3							1.9	9.6
SSE		.4	1.3	.9	.4							2.9	11.1
S		2.1	1.8	.9	.5	.1						5.4	9.5
SSW	.1	1.8	1.1	.1								3.1	6.5
SW	.9	1.5	.4	.3								3.0	5.3
WSW	.6	1.5	.1	.3								2.5	5.5
W	1.1	3.8	.8		.3							5.9	5.6
WNW	.8	3.1	1.5	.8	.1	.1						6.4	7.3
NW	.6	2.3	1.5	1.1	.4							5.9	8.1
NNW	.3	1.8	2.6	1.6	1.0	.5						7.8	10.9
VARBL													
CALM												24.6	
	5.0	24.8	18.5	19.2	6.0	1.5	.3	.1				100.0	7.2

TOTAL NUMBER OF OBSERVATIONS

798

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

16716
STATION

HELLENIKON AB GR
STATION NAME

73-81
YEARS

MAR
MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	1.1	2.4	3.7	1.6	.9						9.8	13.3
NNE		.4	2.4	4.2	1.4	.2						8.6	13.4
NE		.4	1.5	1.0	.2							3.1	10.4
ENE	.1	.5	.6	1.7								3.0	11.1
E	.1	.6	1.2	1.2	.2	.1						3.6	11.4
ESE	.1	.2	.2	.2								.9	8.1
SE		.1	.2	.2	.7	.2						1.6	15.9
SSE	.2	.2	1.6	1.5	.4	.1						4.1	11.1
S	.4	1.2	3.5	3.1	.4	.4						9.0	10.6
SSW	.6	4.4	3.2	.6								8.8	6.8
SW	.7	5.0	1.6	.1								7.5	5.9
WSW	.1	4.9	3.2	.6	.2							9.1	7.0
W	.7	6.3	3.0	.7	.1	.1						11.1	6.9
WNW	.1	1.4	1.7	1.6	.1							5.0	9.5
NW		.9	1.0	.9	.5	.1						3.4	11.4
NNW		.5	.6	2.2	.4	.1						3.9	12.5
VARBL													
CALM												7.7	
	3.5	28.1	28.1	23.9	6.3	2.4						100.0	9.0

TOTAL NUMBER OF OBSERVATIONS

804

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

167157
STATION

HELLENIKON AB GR
STATION NAME

73-81
YEARS

MAR
MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	1.1	1.2	3.5	1.0	.4						7.3	12.7
NNE	.4	.4	2.1	4.2	1.0	.2						8.3	12.5
NE		.5	1.7	2.0	.2							4.4	11.6
ENE	.1	.9	2.8	3.5	.4							7.6	11.0
E	.2	.6	2.0	3.0	.1							5.9	11.2
ESE		.2	.1	.6								1.0	11.0
SE			.5	1.1	.7							2.3	14.7
SSE	.1	.9	2.0	3.1	.7							6.8	11.6
S	.2	4.6	6.4	4.1	.7	.2						16.3	9.5
SSW	1.2	4.6	4.4	1.4								11.6	7.2
SW	.2	3.3	2.3	.6								6.5	6.9
WSW	.1	1.7	.5	.5	.4							3.2	8.5
W	.2	2.7	.9	.5								4.3	6.7
WNW	.2	.7	.5	1.1	.5							3.1	11.0
NW		.4	1.1	.7	.4	.1						2.7	12.1
NNW			.9	1.2		.1						2.2	12.7
VARBL													
CALM												6.4	
	3.3	22.6	29.5	30.9	6.2	1.1						100.0	9.6

TOTAL NUMBER OF OBSERVATIONS

811

7
2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

167160
STATION

HELLENIKON AB GR
STATION NAME

73-81
YEARS

MAR
MONTH
1800-2000
HOURS (LST)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.9	2.6	1.7	.5							6.0	10.3
NNE	.4	1.1	3.7	2.7	.4	.1	.1					8.6	10.5
NE	.1	1.7	3.1	1.6	.1							6.7	9.2
ENE	.4	2.2	3.4	6.5	1.1		.1					13.7	11.5
E		.9	2.7	3.1	.5							7.2	11.4
ESE	.1	.9	.6	.4								2.0	7.4
SE	.7	2.1	1.6	1.0	.7							6.2	8.8
SSE	.5	4.7	2.2	1.2	.2							9.0	7.5
S	.5	5.7	3.9	1.4	.4	.2						12.1	7.8
SSW		.9	1.2	.4			.1					2.6	9.1
SW		.2	.1									.4	5.7
WSW		.7		.1	.1							1.0	8.0
W		.5	.4	.6	.1							1.6	11.2
WNW	.2	.4	.6	1.0	.5							2.7	11.4
NW	.1	.5	.9	1.5	.1	.1						3.2	11.8
NNW		.9	1.1	1.1	.1							3.2	9.8
VARBL		.1										.1	4.0
CALM												13.7	
	3.4	24.5	28.2	24.4	5.0	.5	.4					100.0	8.4

TOTAL NUMBER OF OBSERVATIONS 804

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

16716
STATION

HELLENIKON AB GR
STATION NAME

73-81
YEARS

MAR
MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	3.3	3.5	2.8	.5	.1						11.3	9.0
NNE	.6	2.2	2.6	.7	.2	.2						6.7	8.3
NE	.2	2.0	2.7	.9	.4							6.2	8.4
ENE	.4	2.2	2.6	2.6	.5							8.3	9.8
E	.9	1.9	2.1	1.2	.5							6.6	8.9
ESE	.4	1.1	.4	.5								2.4	7.0
SE	.4	3.3	1.2	1.0	.2							6.2	7.4
SSE	.5	2.0	1.9	1.0								5.3	7.6
S	.2	1.1	.5	1.0								2.8	8.1
SSW	.1		.1	.4								.6	11.0
SW		.1	.1	.1								.4	8.3
WSW	.1		.1	.1	.2							.6	13.0
W		.2	.7	.1		.1						1.2	9.8
WNW	.1	.5	.7	1.0								2.4	10.5
NW		.2	1.0	1.6	.4							3.2	11.9
NNW	.7	1.5	1.1	1.1	.1							4.6	8.0
VARBL	.1											.1	3.0
CALM												31.2	
	5.8	21.8	21.4	16.2	3.1	.5						100.0	6.0

TOTAL NUMBER OF OBSERVATIONS

808

7
2GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)167167
STATIONHELLENIKON AB GR
STATION NAME73-81
YEARSMAR
MONTH
ALL
HOURS (LST)ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	3.2	3.3	3.0	1.0	.3						11.5	9.9
NNE	.4	1.8	2.1	2.4	.7	.2	.1					7.7	10.6
NE	.4	1.3	1.7	1.2	.2	.0	.0					4.8	9.0
ENE	.6	1.8	1.8	2.4	.4	.0	.0					7.0	9.7
E	.5	.9	1.3	1.4	.2	.0		.0				4.4	9.7
ESE	.2	.8	.3	.4	.0							1.8	7.7
SE	.2	1.2	.9	.8	.4	.0						3.6	9.4
SSE	.3	1.4	1.5	1.1	.2	.0						4.5	8.8
S	.2	1.9	2.3	1.4	.2	.1						6.2	9.1
SSW	.3	1.5	1.3	.4	.0		.0					3.5	7.4
SW	.2	1.3	.6	.1	.0							2.3	6.3
WSW	.1	1.2	.6	.2	.1							2.3	7.4
W	.3	1.8	.9	.3	.1	.0	.0					3.5	7.2
WNW	.2	1.0	.8	.9	.2	.0						3.1	9.6
NW	.2	1.0	1.0	1.0	.3	.1						3.7	10.1
NNW	.3	1.6	1.4	1.4	.4	.1						5.2	9.8
VARBL	.0	.0										.0	3.5
CALM												24.9	
	5.3	23.6	21.9	18.6	4.7	.9	.1	.0				100.0	6.9

TOTAL NUMBER OF OBSERVATIONS

6430

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

16716
STATION

HELLENIKON AB GR
STATION NAME

73-81
YEARS

APP
MONTH

ALL WEATHER
CLASS

0000-0200
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	4.6	2.1	1.2	.3							9.0	6.9
NNE	.3	2.1	.6	1.4								4.4	8.1
NE	1.2	.9	.4	.3								2.7	5.4
ENE	1.3	2.5	.5	.3								4.5	5.1
E	.5	1.7	.8	.3								3.2	5.7
ESE	.4	.8	.3		.1							1.5	6.0
SE	.5	1.9	1.2	.1								3.7	6.2
SSE	.1	1.2	2.3	.4								4.0	7.8
S	.1	1.0	.3	.5								1.9	7.2
SSW		.6	.3	.3	.1	.1						1.4	10.5
SW		.1	.1	.1								.4	9.3
WSW		.3	.1									.4	6.0
W	.3	.3	.1	.3								.9	7.3
WNW		.6	1.0	1.3	.1	.1						3.2	11.4
NW		2.2	3.1	2.7	1.7	.4						10.1	11.3
NNW	.8	3.2	2.5	2.3	.3							9.0	8.5
VARBL													
CALM												39.5	
	6.3	24.0	15.6	11.4	2.6	.6						100.0	4.9

TOTAL NUMBER OF OBSERVATIONS

775

7
2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

167160
STATION

HELLENIKON AB GR
STATION NAME

73-81
YEARS

APR
MONTH

ALL WEATHER
CLASS

3300-0500
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	5.1	2.3	1.0	.3							10.1	6.6
NNE	.9	1.7	.6	.4	.3							3.9	6.8
NE	1.0	1.2	.9	.4	.1							3.6	6.4
ENE	1.7	1.6	.1	.4	.3							4.0	6.0
E	1.2	1.7	.4	.3	.1	.1						3.8	6.3
ESE	.4		.1	.4								.9	7.4
SE	.3	1.4	1.2	.1	.1							3.1	7.3
SSE	.4	1.6	.3	.3								2.5	5.5
S	.1	.6	1.0	.4		.1						2.3	8.9
SSW			.3	.1								.4	10.7
SW		.1										.1	4.0
WSW		.1	.1									.3	5.5
W	.1	.3	.4	.3	.3							1.3	10.5
WNW	.3	.1	1.3	1.2	.3							3.1	11.2
NW	.5	1.6	2.6	1.7	1.0							7.4	10.0
NNW	.8	3.1	2.6	1.4	.3							8.2	7.6
VARBL	.1											.1	3.0
CALM												44.9	
	9.2	20.1	14.3	8.3	3.0	.3						100.0	4.2

TOTAL NUMBER OF OBSERVATIONS 771

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

167160
STATION

HELLENIKON AB GR
STATION NAME

73-81
YEARS

APR
MONTH

ALL WEATHER
CLASS

0600-0800
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	5.4	1.9	1.2	.3	.1						10.2	6.8
NNE	.5	2.2	1.8	1.2	.3							6.0	7.9
NE	.4	.9	.5	.4	.1							2.3	7.7
ENE	1.2	3.1	.4	.3	.1							5.0	5.3
E	.3	.9	.5									1.7	6.1
ESE	.1	.3		.3								.6	7.6
SE	.3	1.7	.9	.1								3.0	5.8
SSE	.5	1.4	1.6	.5								4.0	7.0
S	.3	1.4	1.0	.4								3.1	7.4
SSW	.1	.1	.1	.1	.1							.6	9.8
SW		.4										.4	6.0
WSW		.3		.1								.4	7.3
W	.4	1.0	.1									1.6	4.9
WNW	.4	1.9	.4	1.2	.5							4.4	9.0
NW	.4	2.3	2.2	1.7	1.0	.1						7.8	9.9
NNW	.8	3.6	1.9	1.0	.4							7.8	7.5
VARBL													
CALM												41.1	
	6.9	27.0	13.5	8.4	2.8	.3						100.0	4.4

TOTAL NUMBER OF OBSERVATIONS

773

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

167160
STATION

HELLENIKON AB GR
STATION NAME

73-81
YEARS

APR
MONTH

ALL WEATHER
CLIM

0900-1100
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	1.9	1.8	1.0	.5							5.6	9.1
NNE		.5	1.8	2.3	.9	.1						5.7	12.2
NE	.1	.5	.6	1.0	.5							2.8	11.6
ENE	.1	.4	.6	.4								1.6	9.0
E	.1		.5	.9								1.6	11.0
ESE		.1	.1	.1								.4	9.7
SE		.4	.3	.5	.5							1.7	12.2
SSE	.1	.8	1.8	.4	.1							3.2	9.0
S		1.8	3.4	.8	.3							6.2	8.9
SSW	.6	1.9	.6	.5								3.8	6.4
SW	.5	2.5	.8	.1								3.9	5.6
WSW	.5	4.4	1.3	.3								6.5	5.8
W	2.3	10.0	3.5	.5								16.3	5.5
WNW	.8	3.9	4.5	1.6	1.2	.3						12.2	9.1
NW	.1	2.5	2.1	3.0	.5	.1						8.3	10.1
NNW	.6	1.4	1.8	1.6	.4							5.8	9.2
VARBL	.1											.1	3.0
CALM												14.5	
	6.5	33.0	25.6	15.0	4.9	.5						100.0	7.1

TOTAL NUMBER OF OBSERVATIONS

773

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

16160
STATION

HELLENIKON AB GR
STATION NAME

73-81
YEARS

APR
MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.5	.4	.9	.6							2.6	11.8
NNE		.3	1.0	2.5	1.0							4.8	13.7
NE		.1	.9	1.3	.1							2.5	12.2
ENE		.6	.4	.3	.3							1.6	10.3
E		.1	1.2	.5	.1							1.9	10.5
ESE		.5	.5	.1	.1							1.3	8.3
SE		.4	.8	.6	.5	.1						2.5	12.6
SSE		.8	1.0	1.2	.6	.1						3.8	11.8
S	.3	2.5	5.8	3.5	.5							12.6	9.7
SSW	.3	6.1	6.7	1.4	.1							14.6	7.6
SW	.5	4.7	4.1	.8								10.1	7.1
WSW	.4	6.5	3.6	.3								10.8	6.5
W	.4	6.5	6.0	1.3								14.1	7.3
WNW	.3	1.2	2.2	1.9	1.6							7.1	11.7
NW		.5	.5	1.2	1.0	.1						3.4	13.7
NNW	.1	.3	.3	.5	.4							1.6	11.9
VARBL		.4										.4	4.7
CALM												4.5	
	2.3	31.9	35.5	18.3	7.1	.4						100.0	8.8

TOTAL NUMBER OF OBSERVATIONS

772

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

167160
STATION

HELLENIKON AB GR
STATION NAME

73-81
YEARS

APR
MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.1	.5	1.8	.5							3.1	13.0
NNE		.3	1.4	2.1	1.2	.1						5.0	13.7
NE		.3	.6	.6								1.5	10.3
ENE		.3	1.5	1.2	.3							3.2	11.2
E	.1	.8	1.0	2.6	.5	.1						5.2	12.0
ESE		.1	.5	.4								1.0	9.6
SE	.1	.4	.6	1.2	.3							2.6	11.2
SSE	.1	1.0	3.2	2.6	1.2	.4						8.5	11.6
S		2.3	11.7	7.0	.8	.1						21.9	10.3
SSW		3.7	8.3	4.8	.4							17.2	9.4
SW	.6	2.2	3.0	.1								5.9	7.1
WSW	.4	2.7	2.1	.3								5.4	6.4
W	.3	2.2	2.2	.4	.1							5.2	7.4
WNW		1.2	.6	1.8	1.2							4.8	12.2
NW		.6	.4	1.4	.3	.1						2.8	12.6
NNW	.1	.4	.4	.5	.3							1.7	10.8
VARBL	.1	.1										.3	3.5
CALM												4.6	
	2.1	18.7	38.2	28.6	6.8	.9						100.0	9.8

TOTAL NUMBER OF OBSERVATIONS

775

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

167160
STATION

HELLENIKON AB GR
STATION NAME

73-81
YEARS

APR
MONTH

ALL WEATHER
CLASS

1800-2000
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	.6	1.4	.9	.1							3.4	9.5
NNE		.3	1.2	2.3	.3	.1						4.1	12.6
NE		1.0	1.3	1.3								3.6	9.8
ENE	.1	.6	2.3	1.9	.5							5.5	11.0
E	.1	1.0	2.1	3.2	.5							7.0	11.2
ESE		.8	.4	.1	.1							1.4	8.2
SE	.8	2.6	3.4	2.3	.5							9.5	9.1
SSE	.9	4.3	5.3	2.1	.5	.3						13.3	8.5
S	1.3	4.8	8.8	3.4	.5	.1						18.8	8.6
SSW	.4	2.1	1.9	.5	.3							5.2	7.7
SW		.8	.5	.1								1.4	6.5
WSW		.3	.4									.6	7.2
W	.3	.8	.4	.1								1.5	6.6
WNW		.5	1.0	1.3	.5							3.4	11.7
NW		.4	.9	2.2	1.0	.1						4.6	13.4
NNW	.3	.9	1.4	1.3	.8	.1						4.8	11.1
VARBL													
CALM												11.9	
	4.4	21.6	32.6	23.1	5.7	.8						100.0	8.5

TOTAL NUMBER OF OBSERVATIONS

776

7
2GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MACPERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

167160
STATIONHELLENIKON AB GR
STATION NAME73-81
YEARSAPR
MONTHALL WEATHER
CLASS2100-2300
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	2.2	1.7	.8	.4							6.0	7.7
NNE	.3	1.4	1.0	.5	.3							3.5	8.2
NE	.6	1.7	1.2	.6	.1							4.3	7.5
ENE	.8	1.8	1.7	.4	.4							5.0	7.3
E	.6	1.7	1.3	.4	.4							4.4	7.7
ESE	.5	1.9	.3	.3								3.0	5.3
SE	1.8	3.5	3.1	1.2	.1							9.7	6.8
SSE	.5	3.9	2.8	.9								8.2	7.0
S	.1	1.9	.9	1.3								4.3	8.3
SSW	.1	.1	.4	.4								1.0	8.9
SW	.1	.1	.1	.3								.6	8.4
WSW	.1											.1	3.0
W	.3	.3	.6	.1								1.3	7.6
WNW		.6	.5	1.2	1.3							3.6	13.1
NW	.4	1.9	2.2	2.7	1.0	.4						8.7	11.1
NNW	.5	2.6	1.8	1.7	.6	.1						7.4	9.6
VARBL													
CALM												29.0	
	7.8	25.7	19.7	12.7	4.7	.5						100.0	5.9

TOTAL NUMBER OF OBSERVATIONS

773

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

167160
STATION

HELLENIKON AB GR
STATION NAME

73-81
YEARS

APR
MONTH

ALL WEATHER
CLASS

ALL
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 14	15 - 17	18 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	2.6	1.5	1.1	.4	.0							6.2	8.0
NNE	.2	1.1	1.2	1.6	.5	.0							4.7	10.6
NE	.4	.8	.8	.7	.1								2.9	8.6
ENE	.6	1.4	1.0	.6	.2								3.8	7.8
E	.4	1.0	1.0	1.0	.2	.0							3.6	9.2
ESE	.2	.6	.3	.2	.0								1.3	7.1
SE	.5	1.5	1.4	.8	.3	.0							4.5	8.3
SSE	.3	1.9	2.3	1.0	.3	.1							5.9	8.8
S	.3	2.1	4.1	2.1	.3	.0							8.9	9.3
SSW	.2	1.8	2.3	1.0	.1	.0							5.5	8.4
SW	.2	1.4	1.1	.2									2.9	6.8
WSW	.2	1.8	1.0	.1									3.1	6.3
W	.5	2.7	1.7	.4	.0								5.3	6.6
WNW	.2	1.3	1.5	1.4	.8	.0							5.2	10.8
NW	.2	1.5	1.7	2.1	1.0	.2							6.6	11.1
NNW	.5	1.9	1.6	1.3	.4	.0							5.8	8.9
VARBL	.0	.1											.1	3.9
CALM													23.7	
	5.7	25.3	24.4	15.7	4.7	.5							100.0	6.7

TOTAL NUMBER OF OBSERVATIONS

6188

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

167160
STATION

HELLENIKON AB GR
STATION NAME

73-81
YEARS

MAY
MONTH

ALL WEATHER
CLASS

0000-0200
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	5.3	3.1	1.4	.1							11.1	7.0
NNE	.7	1.5	.2	.1								2.6	5.0
NE	.7	1.4	.6									2.7	5.3
ENE	1.0	1.1	.4									2.5	4.7
E	.4	.2		.1	.2							1.0	6.6
ESE	.7	.6	.1									1.5	4.1
SE	.6	1.2	.7	.2								2.8	5.9
SSE	.6	1.2	1.2	.2								3.3	6.8
S	.2	.9		.2								1.4	5.5
SSW		.2		.2								.5	9.5
SW		.6										.6	4.6
WSW													
W	.1	.5	.1	.6								1.4	9.0
WNW	.5	1.0	1.0	.6	.4							3.5	8.9
NW	.2	2.7	2.3	2.0	.1							7.4	8.6
NNW	1.1	3.1	2.2	2.1	.1							8.6	8.0
VARBL		.1										.1	5.0
CALM												49.0	
	8.3	21.7	12.1	7.9	1.0							100.0	3.6

TOTAL NUMBER OF OBSERVATIONS 810

7
2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AID WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

167160
STATION

HELLENIKON AB GR
STATION NAME

73-81
YEARS

MAY
MONTH

ALL WEATHER
CLASS

0300-0500
HOURS (L & T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	7.5	2.9	1.0								13.1	5.9
NNE	1.0	2.3	.9	.6								4.8	6.2
NE	1.4	.7	.4	.4								2.8	5.6
ENE	.7	.9	.5	.7								2.8	7.4
E	.6	.6		.1								1.4	4.3
ESE	.6	.2	.1									1.0	4.3
SE	.5	1.2	.2									2.0	4.4
SSE	.2	1.2	1.2		.1							2.8	6.8
S		.6	.1	.1								.9	6.9
SSW	.1		.1									.2	6.5
SW	.1	.2	.2	.1								.7	7.5
WSW				.2	.2							.5	15.8
W	.1	.4		.2								.7	7.3
WNW		1.0	.6	.4	.4							2.3	9.4
NW	.7	1.1	2.0	2.1	.7							6.6	10.1
NNW	.5	3.1	2.3	1.4								7.2	7.5
VARBL		.1										.1	4.0
CALM												49.9	
	8.4	21.3	11.7	7.4	1.5							100.0	3.5

TOTAL NUMBER OF OBSERVATIONS 814

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

167160

HELLENIKON AB GR

73-81

MAY

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

3600-0800

CLAS

HOURLS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	3.5	2.6	1.9		.1						8.6	8.0
NNE	1.0	1.7	1.4	1.1	.1							5.3	7.4
NE	.5	.6	.9	.5	.1							2.6	8.0
ENE	.6	.2	.5									1.4	5.8
E	.7	.4	.1									1.2	3.9
ESE	.1	.2										.4	4.3
SE	.5	.5	.2		.1							1.4	6.4
SSE	.4	1.4	1.2	.5								3.5	7.0
S	.5	.2	.7									1.5	6.3
SSW	.5	.2	.4									1.1	5.0
SW	.5	.2	.1	.1								1.0	5.0
WSW	.5	.6		.5	.1							1.7	7.6
W	.9	.4	.1	.1	.1							1.6	5.8
WNW	1.2	1.6	1.7	.7	.4							5.7	7.3
NW	.7	3.6	2.0	.9	.2							7.4	7.3
NNW	.6	3.3	3.1	1.9								8.9	7.8
VARBL													
CALM												46.8	
	9.9	18.8	15.1	8.1	1.2	.1						100.0	3.8

TOTAL NUMBER OF OBSERVATIONS

810

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

167160
STATION

HELLENIKON AB GR

73-81

MAY

ALL WEATHER

3900-1100
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.2	1.1	1.5	1.2							4.3	12.5
NNE	.1	.6	.5	2.9	1.0							5.1	13.0
NE		.1	.9	.9	.4							2.2	12.3
ENE		.1	.4	.5	.1							1.1	11.6
E		.1	.1									.2	7.5
ESE			.1	.1								.2	11.5
SE		.4	.2	.4	.1	.1						1.2	11.7
SSE		.6	.7	.4	.1							1.8	8.7
S		1.6	.6	.6	.2							3.1	8.6
SSW	.7	4.2	1.7	.4								7.0	5.9
SW	1.6	6.2	1.5									9.3	5.1
WSW	1.5	9.3	2.3	.7								13.8	5.6
W	1.5	13.1	6.0	.6								21.1	6.2
WNW	.9	5.6	3.9	1.2	.2							11.8	7.1
NW	.4	1.7	2.4	1.6	.7	.2						7.1	10.6
NNW	.4	.5	1.2	1.0	.4							3.4	10.1
VARBL	.1											.1	3.0
CALM												7.1	
	7.3	44.3	23.7	12.7	4.5	.4						100.0	7.1

TOTAL NUMBER OF OBSERVATIONS

819

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

167160
STATION

HELLENIKON AB GR
STATION NAME

73-81
YEARS

MAY
MONTH
1200-1400
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.1	.4	2.2	.2							3.1	12.8
NNE		.2	.7	2.7	1.8	.1						5.7	15.0
NE		.2	.6	1.5	.4							2.7	12.8
ENE		.1	.1	1.8	.2							2.3	13.2
E		.4	.6	.9								1.8	10.1
ESE		.2	.4	.1	.1							.9	9.9
SE		.1	.9	.4	.1							1.5	10.7
SSE	.1	.6	1.1	.7	.4							2.9	10.3
S	.1	2.2	5.9	2.6	.1							10.9	9.4
SSW	.6	7.4	8.2	2.2	.4							18.8	8.0
SW	.4	5.4	6.4	1.1	.1							13.4	7.3
WSW	.7	6.5	3.9	.7								11.9	6.6
W	.1	4.7	8.0	1.1	.1							14.0	7.8
WNW		1.2	1.7	.4	.2							3.6	8.7
NW		.2	.7	1.2	.5	.2						2.9	13.8
NNW		.2	.5	.5	.1							1.4	10.7
VARBL		.4										.4	4.7
CALM												1.8	
	2.2	30.3	40.2	20.1	4.9	.4						100.0	8.9

TOTAL NUMBER OF OBSERVATIONS

814

8
2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

167160	HELLENIKON AB GR	73-81	MAY
STATION	STATION NAME	YEARS	MONTH
ALL WEATHER			1500-1700
CLASS			HOURS (LST)
CONDITION			

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N			.9	.4	.5	.1						1.9	13.3
NNE	.1	.4	1.4	2.7	1.0							5.6	12.5
NE		.1	1.1	1.9	.4							3.5	12.1
ENE		.2	1.4	2.7	1.7							6.1	14.0
E		.4	1.6	2.2	.5							4.7	11.8
ESE		.5	.4	.5								1.4	9.8
SE		.1	.4	.1								.6	9.6
SSE		1.0	1.4	2.7	.6							5.7	11.6
S	.1	2.4	15.5	7.9	.6							26.6	10.0
SSW	.1	4.1	11.8	4.8	.1	.1						21.1	9.2
SW	.1	1.7	3.6	.4	.1							6.0	8.0
WSW	.2	2.4	1.2	.1								4.0	6.2
W	.1	1.7	1.9	.7	.2							4.7	8.2
WNW	.1	.4	1.0	.5	.1							2.1	9.5
NW	.1	.4	.4	.1	.5							1.5	10.9
NNW		.4	.6	.6	.4							2.0	11.4
VARBL													
CALM												2.7	
	1.1	16.1	44.4	28.5	6.8	.2						100.0	9.9

TOTAL NUMBER OF OBSERVATIONS 806

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

167160
STATION

HELLENIKON AB GR
STATION NAME

73-81
YEARS

MAY
MONTH

ALL WEATHER
CLASS

1800-2000
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.7	1.1	.7	.2							2.9	9.3
NNE	.1	.9	1.0	2.3	.1	.1						4.5	11.0
NE		1.4	2.5	1.5	.2							5.5	9.4
ENE		.7	3.4	2.7	.5							7.4	11.0
E	.2	.2	1.5	2.6	.5							5.0	11.8
ESE	.1	.1	.1									.4	5.0
SE	.4	1.0	2.3	1.0								4.7	8.4
SSE	.4	4.7	6.9	2.6								14.5	8.1
S	1.0	8.8	8.1	2.1	.1							20.1	7.3
SSW	.6	3.6	3.3	.6	.2							8.4	7.1
SW	.2	1.1	.7	.1								2.2	6.3
WSW	.4	.7	.2	.1								1.5	5.8
W	.4	1.0	.5	.4	.1							2.3	7.7
WNW	.4	.9	.9	.5								2.6	7.4
NW	.1	.6	.7	1.0	.5	.1						3.1	11.5
NNW		1.0	.9	1.4	.4							3.6	10.9
VARBL		.1										.1	5.0
CALM												11.2	
	4.4	27.5	34.2	19.5	2.9	.2						100.0	7.7

TOTAL NUMBER OF OBSERVATIONS

814

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

167160
STATION

HELLENIKON AB GR
STATION NAME

73-81
YEARS

MAY
MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	4.2	2.8	1.1	.1							8.8	7.3
NNE	.6	1.3	1.2	.1	.1							3.4	6.6
NE	.1	1.1	1.3	.5	.1							3.2	8.6
ENE		1.7	.7	1.0	.1							3.6	8.2
E	.6	.1	1.0	.4	.1							2.5	7.7
ESE	.2	.6	.2									1.1	5.4
SE	.9	3.2	2.1	.5								6.6	6.1
SSE	1.7	3.6	1.2	.2								6.7	5.4
S	1.1	3.3	.5	.5								5.4	5.5
SSW	.2	.9	.4	.1								1.6	6.0
SW	.1	.2	.1									.5	5.8
WSW	.2	.2			.1							.6	6.8
W		.7	.5	.2	.2							1.7	9.1
WNW	.1	.9	1.0	.5		.1						2.6	9.0
NW	.5	1.6	1.5	1.6	.4							5.5	9.0
NNW	1.5	2.5	1.8	2.5	.5							8.7	8.7
VARBL													
CALM												37.4	
	8.6	26.4	16.4	9.2	1.8	.1						100.0	4.6

TOTAL NUMBER OF OBSERVATIONS

815

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

167160
STATION

HELLENIKON AB GR
STATION NAME

73-81
YEARS

MAY
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	2.7	1.9	1.3	.3	.0						6.7	8.1
NNE	.5	1.1	.9	1.6	.5	.0						4.6	10.2
NE	.3	.7	1.0	.9	.2							3.2	9.3
ENE	.3	.6	.9	1.2	.3							3.4	10.3
E	.3	.3	.6	.8	.2							2.2	9.7
ESE	.2	.3	.2	.1	.0							.8	6.5
SE	.4	1.0	.9	.3	.0	.0						2.6	7.2
SSE	.4	1.8	1.9	.9	.2							5.2	8.0
S	.4	2.5	3.9	1.8	.1							8.7	8.5
SSW	.4	2.6	3.2	1.0	.1	.0						7.3	7.9
SW	.4	2.0	1.6	.2	.0							4.2	6.6
WSW	.4	2.5	1.0	.3	.1							4.3	6.3
W	.4	2.8	2.1	.5	.1							6.0	7.1
WNW	.4	1.6	1.5	.6	.2	.0						4.3	7.9
NW	.4	1.5	1.5	1.3	.5	.1						5.2	9.7
NNW	.5	1.8	1.6	1.4	.2							5.5	8.7
VARBL	.0	.1										.1	4.4
CALM												25.7	
	6.3	25.8	24.7	14.2	3.1	.2						100.0	6.1

TOTAL NUMBER OF OBSERVATIONS

6502

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

167160
STATION

HELLENIKON AB GR
STATION NAME

73-81
YEARS

JUN
MONTH

ALL WEATHER
CLASS

0000-0200
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	4.5	3.8	1.5	.3							11.1	7.2
NNE	.9	1.3	1.2	.9	.3							4.5	8.0
NE	.6	.8	.3	.3	.3							2.2	7.6
ENE	.4	.5	.5	.1								1.5	6.2
E	.4	.1		.5								1.0	8.8
ESE	.1	.4										.5	4.3
SE	.5	.6	.5									1.7	5.2
SSE	.4	.8	.1									1.3	4.5
S		1.0	.1									1.2	4.6
SSW		.1										.1	4.0
SW		.1										.1	4.0
WSW													
W	.1	.4										.5	4.8
WNW	.3	1.3	.9	1.7	.3							4.1	10.5
NW	.9	2.6	1.8	3.6	.8							9.6	9.7
NNW	1.9	3.1	3.8	2.4	.4							11.7	8.1
VARBL													
CALM												48.9	
	7.6	17.3	13.1	11.0	2.2							100.0	4.1

TOTAL NUMBER OF OBSERVATIONS 781

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

167160
STATION

HELLENIKON AB GR

STATION NAME

73-81

YEARS

JUN

MONTH

ALL WEATHER

CLASS

0300-0500

HOURE (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 56	%	MEAN WIND SPEED
N	1.6	5.6	3.7	1.8	.3							12.9	7.1
NNE	.3	2.5	1.3	1.0	.4							5.5	8.5
NE	.5	.7	.4	.5		.1						2.2	8.3
ENE	.4	.3	.1	.1								.9	6.0
E	.5	.5	.1									1.2	4.2
ESE													
SE	.1	.5	.3									.9	4.9
SSE	.5	.3	.3									.8	5.2
S													
SSW	.3	.1										.4	3.7
SW	.3											.3	3.0
WSW													
W		.4		.3								.7	7.6
WNW	.4	.5	.7	.9	.5							3.0	10.9
NW	.5	2.4	2.9	3.0	.3	.4						9.4	9.8
NNW	1.3	4.2	3.1	.8	.1							9.5	6.6
VARBL													
CALM												52.3	
	6.4	17.9	12.8	8.5	1.6	.5						100.0	3.7

TOTAL NUMBER OF OBSERVATIONS

765

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

167167
STATION

HELLENIKON AB GR
STATION NAME

73-81
YEARS

JUN
MONTH

ALL WEATHER
CLASS

0600-0800
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	4.4	4.4	2.5	.4							12.2	8.5
NNE	.3	1.4	1.4	1.7	.1		.1					5.0	9.8
NE	.1	.3	.6	.4	.3							1.7	10.6
ENE	.1	.6										.8	4.5
E		.3	.1									.4	6.3
ESE	.4											.4	2.7
SE	.1	.3	.1									.5	4.8
SSE	.3	.8	.4									1.4	5.3
S	.3	.6										.9	4.0
SSW	.5	.4		.1								1.0	4.4
SW	.1	.3										.4	3.7
WSW	.1	.5										.6	4.6
W	.8	1.8	.3									2.8	4.5
WNW	.6	3.0	1.3	.8	.4							6.1	7.5
NW	.6	4.8	4.1	2.4	.4							12.3	8.2
NNW	.8	4.8	3.3	2.0	.1							11.1	7.6
VARBL													
CALM												42.6	
	5.5	24.3	16.0	9.9	1.7		.1					100.0	4.4

TOTAL NUMBER OF OBSERVATIONS 787

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

167167
STATION

HELLENIKON AB GR
STATION NAME

73-81
YEARS

JUN
MONTH

ALL WEATHER
CLASS

0900-1100
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	1.2	2.1	4.0	1.5	.1						9.0	12.5
NNE	.1	.6	1.4	3.7	2.3	.4						8.6	14.2
NE		.1	.6	1.4	.6	.3						3.1	14.8
ENE		.1	.3	1.0								1.4	11.7
E	.3	.1	.1	.1								.6	6.4
ESE													
SE													
SSE				.3								.3	13.0
S	.3	.6	.5									1.4	5.8
SSW	.5	2.8	.5		.3							4.1	5.9
SW	1.3	4.5	1.0									6.8	5.1
WSW	.9	9.1	2.8									12.9	5.6
W	1.8	13.3	6.2	.3								21.5	5.9
WNW	.9	3.5	3.2	1.9	.5	.1						10.2	8.6
NW	.1	1.7	3.1	1.7	.3	.3						7.1	9.8
NNW	.1	1.0	1.2	1.4	.3							4.0	9.9
VARBL													
CALM												9.0	
	6.4	38.7	23.0	15.8	5.8	1.2						100.0	7.7

TOTAL NUMBER OF OBSERVATIONS

777

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

167160
STATION

HELLENIKON AB GR
STATION NAME

73-81
YEARS

JUN
MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.5	1.2	1.8	1.6	.1						5.2	13.8
NNE		.1	1.6	4.2	2.3	.7						8.9	15.1
NE		.3	.9	1.4	.5	.3						3.4	13.6
ENE			.5	1.0	.7	.1						2.3	14.4
E		.3	.3	.3								.8	10.3
ESE			.1									.1	8.0
SE			.1	.1								.3	11.0
SSE		.4	.4	.1								.9	7.3
S	.1	1.6	5.2	1.8	.1							8.9	9.2
SSW	.3	5.6	9.6	1.7								17.2	7.8
SW	.1	6.9	7.0	.5								14.6	7.1
WSW	.3	7.4	4.9	.3								12.9	6.5
W	.4	6.8	6.6	1.3								15.1	7.5
WNW		.9	1.7	.9	.5							4.0	10.7
NW		.4	.7	1.0	.4							2.5	11.9
NNW		.3	.4	.5	.3							1.4	11.4
VARBL													
CALM												1.6	
	1.2	31.4	41.3	17.1	6.4	1.2						100.0	9.1

TOTAL NUMBER OF OBSERVATIONS

768

7
2GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MACPERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

167167
STATIONHELLENIKON AB 6R
STATION NAME73-81
YEARSJUN
MONTH1500-1700
HOURS (LST)ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.3	.5	2.2	.7	.3						3.9	14.0
NNE		.3	1.0	4.3	1.7	.5						7.8	14.9
NE			.7	.9	1.0	.5						3.1	15.9
ENE			.8	3.4	1.3	.3						5.7	14.8
E	.1	.5	.8	2.3	.5							4.3	12.5
ESE			.4	.1								.5	9.3
SE		.3		.1								.4	8.0
SSE		.1	.9	1.2	.1							2.3	12.0
S	.3	2.1	14.8	5.9	.1							23.1	9.7
SSW		5.0	14.0	3.7								22.6	8.8
SW	.1	2.9	4.7	.9								8.6	7.7
WSW	.8	2.2	1.2									4.2	5.7
W		2.6	2.3	.5								5.5	7.3
WNW	.1	.4	.4	1.4	.8							3.1	12.4
NW		.4	.4	.7	.4							1.8	11.4
NNW			.7	.5								1.2	11.2
VARBL			.1									.1	7.0
CALM												1.6	
	1.4	17.0	43.6	28.2	6.7	1.6						100.0	10.2

TOTAL NUMBER OF OBSERVATIONS

766

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

167160
STATION

HELLENIKON AB GR
STATION NAME

73-81
YEARS

JUN
MONTH

ALI. WEATHER
CLASS

1800-2000
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.4	1.2	1.7	.3							3.5	11.6
NNE		.5	2.3	4.0	.8							7.7	12.5
NE		.8	.8	2.1	.6							4.3	11.8
ENE		.4	3.2	3.8	1.4							8.8	12.4
E		.9	1.7	3.0	.3	.1						6.0	11.5
ESE		.4	.1	.1								.6	8.0
SE			1.8	.6	.4							2.9	7.0
SSE	.1	4.7	6.1	1.3								12.2	7.6
S	.5	8.0	13.1	1.8								23.5	7.5
SSW	.4	4.0	3.6	.8								8.8	7.2
SW	.1	1.2	1.3									2.6	6.3
WSW	.1	.8	.6	.1								1.7	6.5
W	.5	.6	1.0	.1								2.3	6.5
WNW	.3	.3	.9	1.4	.6	.1						3.6	13.0
NW		.4	.4	1.2	.1							2.1	11.3
NNW	.4	.1	.8	1.4	.3							3.0	11.5
VARBL													
CALM												6.5	
	2.5	25.3	37.9	23.2	4.4	.3						100.0	8.7

TOTAL NUMBER OF OBSERVATIONS

771

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

167160

HELLENIKON AB GR

73-81

JUN

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

2100-2300

CLASS

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	4.2	3.3	1.4	.1							9.2	7.9
NNE	.6	2.4	2.2	1.8		.1						7.2	8.5
NE	.3	1.3	1.2	.1								2.8	6.1
ENE	.5	.9	1.4	.8	.5							4.1	5.2
E	.5	.8	.1	.5								1.9	7.3
ESE	.3	.8	.1									1.2	4.2
SE	.9	3.5	.8									5.1	5.0
SSE	1.8	4.0	1.2									6.9	4.8
S	.8	3.3	1.0									5.4	5.1
SSW	.3	.6										.9	4.0
SW		.5	.1	.1								.8	6.3
WSW	.3	.3	.1									.6	5.2
W	.3	.5	.4									1.2	5.8
WNW	.4	.9	1.2	1.9	.9							5.2	11.1
NW	.5	1.3	1.5	2.4	.6							6.4	10.5
NNW	1.0	2.2	2.0	1.3	.4							6.9	8.0
VARBL													
CALM												34.3	
	8.4	27.4	16.9	10.4	2.6	.1						100.0	5.0

TOTAL NUMBER OF OBSERVATIONS

782

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

167160
STATION

HELLENIKON AB GR
STATION NAME

73-81
YEARS

JUN
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	2.6	2.5	2.1	.6	.1						8.4	9.4
NNE	.3	1.1	1.5	2.7	1.0	.2	.0					6.9	12.0
NE	.2	.5	.7	.9	.4	.1						2.8	11.6
ENE	.2	.4	.9	1.3	.5	.0						3.2	11.7
E	.2	.4	.4	.8	.1	.0						2.0	10.2
ESE	.1	.2	.1	.0								.4	5.7
SE	.2	.9	.3	.1								1.5	5.7
SSE	.4	1.4	1.2	.4	.0							3.3	6.9
S	.3	2.2	4.3	1.2	.0							8.0	8.2
SSW	.3	2.3	3.4	.8	.0							6.8	7.8
SW	.3	2.0	1.8	.2								4.2	6.7
WSW	.3	2.5	1.2	.0								4.1	6.0
W	.5	3.3	2.1	.3								6.2	6.5
WNW	.4	1.3	1.3	1.4	.6	.0						4.9	10.0
NW	.3	1.7	1.9	2.0	.4	.1						6.4	9.7
NNW	.7	2.0	1.9	1.3	.2							6.1	8.2
VARBL			.0									.0	7.0
CALM												24.7	
	4.9	24.9	25.5	15.5	3.9	.6	.0					100.0	6.6

TOTAL NUMBER OF OBSERVATIONS

6197

7
2GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MACPERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

167160

STATION

HELLENIXON AB GR

STATION NAME

73-81

YEARS

JUL

MONTH

ALL WEATHER

CLASS

0000-0200

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.5	10.3	5.5	1.4	.3	.1						19.1	6.8
NNE	.8	4.2	2.5	1.7	.3							9.4	7.9
NE	.1	1.5	.9	.9		.1						3.6	8.8
ENE	.9	.6	.4	.5	.1							2.5	7.1
E	.1	.3	.4	.8	.1							1.7	10.4
ESE	.3	.3										.5	3.8
SE	.4	.4										.8	3.7
SSE	.1	.3										.4	3.7
S		.1										.1	6.0
SSW			.1									.1	10.0
SW													
WSW		.3										.3	5.5
W	.3	.8	.1									1.1	5.0
WNW	.3	1.0	.6	.3								2.2	6.7
NW	1.0	3.1	2.3	1.7	.3							8.3	7.6
NNW	2.0	3.2	2.7	1.7								9.5	6.7
VARBL													
CALM												40.5	
	7.8	26.2	15.5	8.8	1.0	.3						100.0	4.3

TOTAL NUMBER OF OBSERVATIONS

786

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

167167 HELLNIKON AB GR 73-81 JUL
STATION STATION NAME YEARS
ALL WEATHER
CLASS
CONDITION
0300-0500
HOURS (L S T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.4	8.4	9.5	3.3								23.6	7.3
NNE	.5	3.4	2.9	1.7	.3							8.8	8.1
NE	.8	1.7	1.3	.5								4.2	6.8
ENE	.3	.6	.4	.3								1.5	6.9
E	.1	.5	.6									1.3	6.5
ESE													
SE		.1										.1	5.0
SSE	.1	.1										.3	3.5
S		.1										.1	4.0
SSW	.1											.1	3.0
SW	.1											.1	3.0
WSW													
W		.4										.4	4.7
WNW	.3	.6	.3	.9								2.0	8.9
NW	1.1	2.4	1.8	.9	.1							6.4	7.0
NNW	1.7	5.9	2.3	1.3	.3							11.4	6.5
VARBL													
CALM												39.6	
	7.5	24.4	19.0	8.8	.6							100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 783

0
2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

167160
STATION

HELLENIKON AB GR
STATION NAME

73-81
YEARS

JUL
MONTH

ALL WEATHER
CLAS

0600-0600
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	7.2	7.3	5.5	.8	.1						21.5	9.0
NNE	.1	2.4	3.2	2.9	1.	.1						9.9	10.3
NE	.3	.8	1.2	.4	.1							2.7	8.2
ENE	.3	.4	1.0									1.7	6.9
E		.5	.3									.8	6.3
ESE	.1	.3										.4	4.0
SE	.1			.1								.3	8.5
SSE	.1	.1										.3	3.5
S	.1											.1	3.0
SSW	.1	.3										.4	4.3
SW	.1	.3										.4	3.7
WSW	.1	.4										.5	4.3
W	.5	.5	.4									1.4	4.9
WNW	1.2	2.8	1.5	.5	.1	.1						6.3	6.4
NW	1.2	4.4	2.6	.8	.1							9.0	6.7
NNW	.5	4.6	4.2	1.4	.3							11.0	7.7
VARBL													
CALM												33.5	
	5.5	24.9	21.7	11.7	2.4	.4						100.0	5.4

TOTAL NUMBER OF OBSERVATIONS

780

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

167168
STATION

HELLENIKON AB GR
STATION NAME

73-81
YEARS

JUL
MONTH

ALL WEATHER
CLASS

0900-1100
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	1.0	3.6	6.8	2.1	.3						13.9	12.8
NNE		.5	3.0	6.2	1.9	.6	.3					12.5	14.1
NE			1.9	3.4	.8	.3						6.3	14.0
ENE		.1	.1	.5	.1	.1						1.0	13.1
E		.5	.5	.3	.1							1.4	9.9
ESE		.1										.1	4.0
SE			.1	.1								.3	11.0
SSE		.1	.1	.1								.4	10.0
S	.1	.1	.4									.6	6.6
SSW	.1	2.1		.3								2.4	5.9
SW	.5	3.9	1.2									5.5	5.4
WSW	1.3	7.5	1.9									10.7	5.3
W	.6	11.0	5.0	.4								17.0	6.1
WNW	.3	4.9	4.8	.4	.1							10.4	7.2
NW		2.4	3.7	1.7	.3	.3						8.4	9.4
NNW		.9	2.1	1.7	.5							5.2	10.5
VARBL													
CALM												3.7	
	3.1	35.2	28.5	21.8	5.9	1.5	.3					100.0	8.9

TOTAL NUMBER OF OBSERVATIONS

776

8
2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

167160
STATION

HELLENIKON AB GR
STATION NAME

73-81
YEARS

JUL
MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.5	1.8	2.6	2.0	.3						7.3	14.0
NNE			2.0	5.9	3.1	.6						11.6	14.8
NE			1.5	3.1	1.4	.3	.1					6.4	14.8
ENE			1.3	2.2	.5							4.0	12.9
E			.9	.5	.5							1.9	13.3
ESE			.1	.4	.3							.8	15.5
SE		.1										.1	6.0
SSE		.1	.5	.4	.1							1.2	10.6
S		1.3	3.5	.4								5.1	8.5
SSW	.3	3.1	5.4	1.0								9.7	7.6
SW	.1	5.8	6.8									12.7	6.9
WSW	.4	7.5	6.8	.3								15.0	6.7
W	.3	4.9	7.4	1.5	.1							14.2	7.9
WNW		1.0	1.5	1.2	.3							4.0	9.7
NW		.1	.9	1.5	.1	.3						2.9	12.8
NNW	.1	.1	.5	1.0	.4							2.2	12.5
VARBL													
CALM												1.0	
	1.3	24.6	40.9	21.9	8.8	1.4	.1					100.0	9.9

TOTAL NUMBER OF OBSERVATIONS

782

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

167160
STATION

HELLENIKON AB GR
STATION NAME

73-81
YEARS

JUL
MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N			1.0	2.5	1.1	.3						4.9	14.7
NNE		.3	2.1	5.5	2.4	.1						10.5	14.1
NE		.1	1.1	3.4	1.4	.1	.1					6.3	14.3
ENE		.3	1.8	4.9	2.4	.1						9.4	14.3
E	.1	.4	1.5	4.2	1.6	.5						8.3	14.1
ESE		.1	.6	.9	.5							2.1	13.4
SE			.1	.3								.4	12.7
SSE		.3	1.5	1.0								2.8	10.2
S		2.1	10.3	4.0	.1							16.6	9.6
SSW		2.9	8.8	6.3								18.0	9.8
SW		2.3	4.3	1.9								8.4	8.4
WSW	.1	2.4	1.5	.3								4.3	6.8
W	.1	1.3	1.3	.3								2.9	7.0
WNW		.8	.5	.8								2.0	9.3
NW			.1	.8	.6							1.5	15.4
NNW		.1	.1	.5	.3							1.0	13.5
VARBL		.1										.1	6.0
CALM												.4	
	.4	13.4	36.8	37.4	10.5	1.1	.1					100.0	11.4

TOTAL NUMBER OF OBSERVATIONS

794

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

167160
STATION

HELLENIKON AB GR
STATION NAME

73-81
YEARS

JUL
MONTH

ALL WEATHER
CLASS

1800-2000
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.1	1.7	2.5	.9							5.2	13.2
NNE		.5	2.5	6.0	2.0							11.1	13.2
NE		.4	2.5	3.1	.8	.1						6.9	12.6
ENE		.8	3.6	7.0	1.0	.1						12.5	12.4
E	.1	.3	2.8	5.9	2.3	.3						11.6	13.8
ESE		.1	.4	.1								.6	9.8
SE		.6	.9	.5								2.0	8.9
SSE		3.6	4.3	.3								8.1	7.1
S	.6	4.8	10.7	1.1								17.3	7.8
SSW	.4	1.8	4.6	2.8								9.5	9.3
SW	.1	1.4	1.9	.3	.1							3.8	8.1
WSW	.1	.6	.5									1.3	6.2
W	.1	.1	.5	.4								1.1	8.7
WNW		.4		.9								1.3	11.7
NW		.1	.5	.6	1.0							2.3	14.7
NNW			.5	.3	.1							.9	11.3
VARBL													
CALM												4.5	
	1.5	15.6	37.9	31.7	8.3	.5						100.0	10.3

TOTAL NUMBER OF OBSERVATIONS 786

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

167160 STATION HELLENIKON AB GR 73-81 YEARS JUL NORTH
2100-2300 HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.8	4.9	5.1	1.4								12.1	7.4
NNE	.3	3.7	4.3	1.0	.8							10.1	8.4
NE	.4	1.0	1.4	1.7	.1							4.6	9.4
ENE	.4	1.9	1.8	1.9								6.0	8.8
E	.1	1.8	1.8	1.3	.5							5.5	9.7
ESE	.3	.4	.1	.1								.9	6.0
SE	.3	1.5	.4									2.2	5.1
SSE	.6	4.2	.9									5.8	5.0
S	1.0	2.7	.6									4.3	5.0
SSW	.3	.6	.5	.1								1.5	6.3
SW	.3	.5										.8	4.3
WSW	.1	.4										.5	4.0
W	.3	.6	.4									1.3	5.6
WNW	.4	.8	.3	1.2	.4							2.9	10.0
NW	1.2	1.7	1.7	1.4	.6	.1						6.6	9.3
NNW	.4	1.9	2.2	.9	.3	.1						5.8	8.5
VARBL													
CALM												29.0	
	6.9	28.6	21.5	11.0	2.7	.3						100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 782

7
2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

16/160
STATION

HELLENIKON AB GR
STATION NAME

73-81
YEARS

JUL
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	4.1	4.4	3.3	.9	.1						13.4	9.3
NNE	.2	1.9	2.8	3.9	1.5	.2	.0					10.5	11.6
NE	.2	.7	1.5	2.0	.6	.1	.0					5.1	11.9
ENE	.2	.6	1.3	2.2	.5	.0						4.8	11.6
E	.1	.5	1.1	1.6	.7	.1						4.1	12.3
ESE	.1	.2	.2	.2	.1							.7	10.3
SE	.1	.4	.2	.1								.8	7.0
SSE	.1	1.1	.9	.2	.0							2.4	7.0
S	.2	1.4	3.2	.7	.0							5.6	8.2
SSW	.2	1.3	2.4	1.3								5.3	8.8
SW	.2	1.8	1.8	.3	.0							4.0	7.1
WSW	.3	2.4	1.3	.1								4.1	6.1
W	.3	2.4	1.9	.3	.0							4.9	6.8
WNW	.3	1.5	1.2	.7	.1	.0						3.9	8.0
NW	.6	1.8	1.7	1.2	.4	.1						5.7	8.9
NNW	.6	2.1	1.8	1.1	.3	.0						5.9	8.0
VARBL		.0										.0	6.0
CALM												19.0	
	4.2	24.1	27.7	19.2	5.0	.7	.1					100.0	7.5

TOTAL NUMBER OF OBSERVATIONS

6269

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

167160
STATION

HELLENIKON AB GR
STATION NAME

73-81
YEARS

AUG
MONTH

ALL WEATHER
CLASS

0000-0200
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	10.8	8.9	3.7	.4							25.5	7.5
NNE	.6	2.7	2.5	2.9	1.0							9.8	9.9
NE		1.1	1.1	.9	.4	.1						3.7	10.3
ENE	.8	.8	.5	.3		.1	.1					2.5	8.1
E	.4	.5	.1									1.0	4.3
ESE		.1										.1	4.0
SE		.3										.3	5.0
SSE	.4	.1										.5	3.3
S		.1										.1	4.0
SSW	.3											.3	3.0
SW	.1											.1	3.0
WSW	.1											.1	3.0
W	.1	.1										.3	3.5
WNW	.3	.8	.3		.1							1.4	6.2
NW	.8	2.4	1.4	1.5	.4							6.5	8.4
NNW	1.1	5.1	2.9	1.1	.1							10.4	6.6
VARBL		.1										.1	4.0
CALM												37.2	
	6.6	25.1	17.8	10.4	2.4	.3	.1					100.0	4.9

TOTAL NUMBER OF OBSERVATIONS

785

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

167160
STATION

HELLENIKON AB GR
STATION NAME

73-81
YEARS

AUG
MONTH
0300-0500
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.8	13.3	9.5	4.7	.9							30.3	7.7
NNE	1.4	3.2	4.0	3.8	.4							12.8	9.3
NE	.5	.6	.6	.5	.4							2.7	9.3
ENE	.6	.5										1.2	4.1
E	.9	.4										1.3	3.4
ESE		.3										.3	4.0
SE													
SSE	.1	.1										.3	4.0
S													
SSW		.1										.1	5.0
SW													
WSW													
W		.1										.1	4.0
WNW	.3	.1	.1	.3								.8	8.0
NW	.1	2.4	1.0	.6								4.2	6.8
NNW	1.3	4.2	3.7	1.5								10.8	7.1
VARBL													
CALM												35.3	
	7.1	25.5	19.0	11.5	1.7							100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 780

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

167160
STATION

HELLENIKON AB GR
STATION NAME

73-81
YEARS

AUG
MONTH

ALL WEATHER
CLASS

0600-0800
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.9	8.7	10.3	7.1	1.4							28.7	9.0
NNE	.5	3.3	3.2	5.0	1.1	.3						13.3	10.7
NE	.4	.8	.8	.9	.4							3.2	9.8
ENE	.1	.8	.3									1.1	5.7
E	.1	.3	.1	.5								1.0	9.6
ESE													
SE		.4	.1									.5	6.0
SSE	.1	.1										.3	4.5
S			.1									.1	8.0
SSW													
SW	.3											.3	3.0
WSW		.1										.1	6.0
W	.4		.1									.5	4.3
WNW	.1	.6										.8	4.2
NW	.3	2.8	.8	.5								4.3	6.4
NNW	1.0	5.5	4.2	1.3	.4							12.3	7.1
VARBL													
CALM												33.4	
	5.2	22.6	19.9	15.2	3.3	.3						100.0	5.8

TOTAL NUMBER OF OBSERVATIONS

787

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

167160
STATION

HELLENIKON AB GR
STATION NAME

73-81
YEARS

AUG
MONTH
0900-1100
HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	.8	3.7	8.2	2.2	1.0						16.1	13.4
NNE		.5	2.8	8.7	6.1	.8						18.9	14.9
NE		.3	1.0	5.1	1.7	.1	.1					6.3	14.4
ENE		.1	.5	.6	.1							1.4	11.5
E			.1	.8								.9	14.4
ESE						.1						.1	23.0
SE		.1										.1	6.0
SSE		.1										.1	6.0
S				.4								.4	14.3
SSW	.3	.8	.3									1.3	5.3
SW	.1	2.8	.6	.3								3.8	5.7
WSW	.8	4.3	1.7									6.8	5.5
W	.8	8.0	3.3									12.1	5.9
WNW	.6	4.9	4.5	.5								10.5	6.9
NW	.4	2.6	3.3	.6								6.9	7.5
NNW	.3	1.7	2.4	2.2								6.5	9.0
VARBL													
CALM												5.7	
	3.4	26.9	24.3	27.3	10.1	2.0	.1					100.0	9.6

TOTAL NUMBER OF OBSERVATIONS 783

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

167160
STATION

HELLENIKON AB GR
STATION NAME

73-81
YEARS

AUG
MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.1	2.0	3.9	2.0	1.1						9.2	14.9
NNE	.1	.1	3.0	7.4	6.4	1.3						18.4	15.5
NE			2.1	5.4	1.9	.3						9.7	14.4
ENE			.8	1.4	.5							2.6	13.4
E		.3	.4	1.3	.6	.1						2.6	14.1
ESE			.3	.1								.4	12.0
SE			.3									.3	9.0
SSE			.3		.1							.4	11.3
S		.4	2.6	.4	.1							3.5	9.3
SSW	.5	2.1	4.2	.8								7.6	7.9
SW	.3	3.7	7.4	.5								11.9	7.5
WSW	.6	5.4	5.0	.3								11.3	6.8
W		3.7	7.9	1.1	.1							12.9	8.4
WNW		.9	2.6	.8								4.3	9.1
NW		.3	.8	1.3	.1	.1						2.5	12.5
NNW		.3	.8	.6	.1							1.8	11.1
VARBL													
CALM												.6	
	1.5	17.2	40.5	25.2	12.1	2.9						100.0	11.0

TOTAL NUMBER OF OBSERVATIONS

793

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

167160

HELLENIKON AB GR

73-81

AUG

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

1500-1700

CLASS

HOUSE (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.1	1.3	3.0	1.8	.1						6.3	14.5
NNE		.4	2.1	6.0	6.	1.1						15.6	15.7
NE			1.4	4.6	3.6	.1						9.8	15.3
ENE	.1	.5	1.8	4.5	3.0	.6						10.5	14.1
E		.1	2.0	5.6	2.0	.3						10.0	14.0
ESE		.1	.9	1.0								2.0	11.3
SE		.1	.3	.3								.6	9.6
SSE		.4	.6	.8								1.8	9.9
S		1.0	8.4	2.5	.1							12.0	9.9
SSW	.3	1.5	8.1	5.1	.1							15.1	10.0
SW		1.1	2.0	2.3								5.4	9.8
WSW		1.6	2.0	.1								3.8	7.1
W		1.6	1.0									2.6	6.5
WNW		.5	.5	.5								1.5	9.2
NW		.3	.5	.1								.9	9.0
NNW		.5	.5	.4								1.4	8.7
VARBL													
CALM												.8	
	.4	9.9	33.3	36.8	16.6	2.3						100.0	12.2

TOTAL NUMBER OF OBSERVATIONS

799

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

167160
STATION

HELLENIKON AB GR
STATION NAME

73-81
YEARS

AUG
MONTH

ALL WEATHER
CLASS

1800-2000
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.8	1.8	2.6	2.0	.4						7.5	13.8
NNE	.1	.6	3.5	8.2	1.9	.3						14.6	13.1
NE		.9	3.0	7.4	.8							12.1	12.4
ENE	.1	1.3	3.3	10.1	2.0	.3						17.0	12.9
E	.1	.6	2.4	6.7	1.3	.1						11.2	13.0
ESE		.8	1.0	.3								2.0	7.8
SE		.3	.3									.5	7.5
SSE	.3	3.6	2.1	.3								6.3	6.6
S	.4	4.6	8.0	1.0	.1							14.2	7.8
SSW	.1	2.1	2.8	1.5								6.5	8.3
SW	.3	.1	.3									.6	5.6
WSW		.8	.3									1.0	6.0
W		.4										.4	4.3
WNW	.1	.1	.1									.4	5.7
NW		.5	.1	.6								1.3	10.1
NNW	.1	.1	.3	.8								1.3	11.5
VARBL													
CALM												3.3	
	1.6	17.6	29.1	39.3	8.0	1.0						100.0	10.7

TOTAL NUMBER OF OBSERVATIONS 796

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

167160

STATION

HELLENIKON AB GR

STATION NAME

73-81

YEARS

AUG

MONTH

ALL WEATHER

CLASS

2100-2300

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	7.2	8.3	2.8	.5							19.8	8.1
NNE	.5	3.6	5.5	4.8	.6							15.1	9.5
NE	.3	2.1	1.5	1.9	.1							5.9	9.3
ENE	.1	2.1	3.5	1.3	.1							7.2	8.4
E	.4	1.1	1.3	1.8	.1							4.6	9.5
ESE	.3	.5	.3									1.0	5.0
SE	.4	1.4	.1									1.9	4.5
SSE	1.1	2.4	.4									3.9	4.6
S	1.5	3.1	.4	.1								5.1	4.8
SSW	.1	1.2		.1								1.4	5.5
SW		.5		.1								.6	6.2
WSW		.1	.3									.4	8.0
W	.4	.4	.1	.1								1.0	5.8
WNW		.1	.3	.1								.5	8.5
NW	.4	1.3	1.4	.9	.3	.1						4.3	9.2
NNW	.8	3.1	1.1	1.0	.1							6.1	7.0
VARBL													
CALM												21.2	
	7.3	30.2	24.3	14.9	1.9	.1						100.0	6.3

TOTAL NUMBER OF OBSERVATIONS

797

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

167160
STATION

HELLENIKON AB GR
STATION NAME

73-81
YEARS

AUG
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.8	5.1	5.7	4.5	1.4	.3						17.9	9.7
NNE	.4	1.8	3.3	5.9	3.0	.5						14.8	12.7
NE	.1	.7	1.5	3.4	1.2	.1	.0					6.9	12.8
ENE	.2	.8	1.3	2.3	.7	.1	.0					5.5	11.8
E	.2	.4	.8	2.1	.5	.1						4.1	12.2
ESE	.1	.2	.3	.2		.0						.7	8.9
SE	.0	.3	.1	.0								.5	6.2
SSE	.3	.9	.4	.1	.0							1.7	6.4
S	.2	1.2	2.5	.6	.3							4.5	8.3
SSW	.2	1.0	1.9	.9	.0							4.1	8.7
SW	.1	1.0	1.3	.4								2.8	7.6
WSW	.2	1.6	1.2	.0								2.9	6.4
W	.2	1.8	1.6	.2	.0							3.7	6.9
WNW	.2	1.0	1.0	.3	.0							2.5	7.4
NW	.2	1.6	1.2	.8	.1	.0						3.8	8.2
NNW	.6	2.5	2.0	1.1	.1							6.3	7.5
VARBL		.0										.0	4.0
CALM												17.1	
	4.1	21.9	26.1	22.7	7.0	1.1	.0					100.0	8.2

TOTAL NUMBER OF OBSERVATIONS

6320

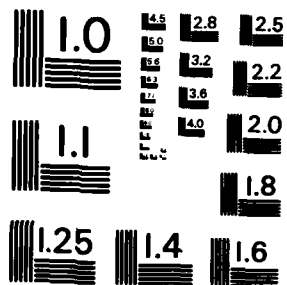
UNCLASSIFIED

HELLENIKON AB GREECE REVISED UNIFORM SUMMARY OF SURFACE
WEATHER OBSERVATI..(U) AIR FORCE ENVIRONMENTAL
TECHNICAL APPLICATIONS CENTER SCOTT A.. 20 JUL 82
USAFETAC/D5-82/046 SBI-AD-EB80 208 F/G 4/2

245

F/O 4/2

NL



MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

167160
STATION

HELLENIKON AB GR
STATION NAME

73-81
YEARS

SEP
MONTH

ALL WEATHER
CLASS

0000-0200
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.8	8.8	5.4	3.7	.6	.3						19.6	8.3
NNE	.8	3.7	1.7	2.8	.8	.1						9.9	9.3
NE	.6	1.2	.6	.8	.3							3.5	8.6
ENE	.5	1.6	1.0	.3								3.4	6.5
E	1.0	.9	.5	.4	.1							3.0	6.3
ESE		.9										.9	4.1
SE	.8	.4										1.2	3.2
SSE		.3										.3	4.0
S			.1									.1	10.0
SSW		.3	.1									.4	7.0
SW			.4									.4	8.7
WSW				.1								.1	12.0
W				.1								.1	12.0
WNW	.1	.5	.1	.1	.4							1.3	9.8
NW	.3	.9	.9	.9	.4							3.4	9.5
NNW	.6	4.1	1.7	.8	.1							7.4	6.7
VARBL													
CALM												45.1	
	5.6	23.5	12.7	10.1	2.7	.4						100.0	4.4

TOTAL NUMBER OF OBSERVATIONS

774

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

167160
STATION

HELLENIKON AB GR
STATION NAME

73-81
YEARS

SEP
MONTH

ALL WEATHER
CLASS

0300-0500
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	9.1	6.8	2.6	.7	.1						20.7	7.7
NNE	1.3	3.6	2.5	2.3	1.8		.1					11.7	9.5
NE	1.0	2.9	1.6	1.0								6.5	6.9
ENE	.7	1.0	.5	.4								2.6	6.4
E	.4	.8	.7	.1								2.0	5.9
ESE	.4	.1	.1	.1								.8	5.5
SE													
SSE		.1										.1	4.0
S	.1	.1										.3	3.5
SSW		.1										.1	5.0
SW													
WSW			.4									.4	9.0
W		.3	.1	.1								.5	7.5
WNW	.1	.3	.1		.3							.8	10.8
NW		.8	.5	.5	.1							2.0	8.6
NNW	.7	3.5	2.5	.5	.1							7.3	6.7
VARBL													
CALM												44.3	
	6.1	22.8	15.7	7.8	3.0	.1	.1					100.0	4.3

TOTAL NUMBER OF OBSERVATIONS

769

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

167160
STATION

HELLENIKON AB GR
STATION NAME

73-81
YEARS

SEP
MONTH

ALL WEATHER
CLASS

0600-0800
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	9.2	7.5	4.1	1.3							23.4	8.5
NNE	.8	3.3	3.3	2.5	.7	.1						10.7	9.0
NE	.7	2.1	1.1	1.6	.8							6.2	9.4
ENE	.4	.5	.4	.5	.4							2.2	9.8
E	.9	1.1	.3	.1								2.4	5.0
ESE	.4		.3									.7	5.8
SE		.4	.4									.8	6.5
SSE	.1	.5										.7	4.4
S	.1			.1								.3	8.5
SSW		.1										.1	4.0
SW													
WSW		.1	.1									.3	7.0
W													
WNW	.5	.1	.4	.1								1.2	6.6
NW	.3	.9	.3	.1								1.6	5.9
NNW	.7	3.3	2.9	1.4	.3	.4						8.9	8.7
VARBL													
CALM												40.7	
	6.2	21.7	16.8	10.7	3.4	.5						100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 760

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

167160

HELLENIKON AB GR

73-81

SEP

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

0900-1100

CLASS

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	2.4	3.9	6.5	4.3	.3						17.9	12.6
NNE		1.3	3.2	5.8	3.9	.9						15.1	13.9
NE	.3	.4	1.1	2.8	.5							5.1	12.1
ENE		.1	.8	.8								1.6	11.0
E		.4	.5	.4								1.3	9.6
ESE		.1	.1									.3	6.0
SE		.1	.1	.1								.4	8.7
SSE		.3										.3	4.5
S	.1	.1	1.0	.5								1.8	9.5
SSW	.4	1.3	1.0	.1	.1	.1						3.0	7.3
SW	.4	1.5	.4									2.3	5.2
WSW	.9	4.6	1.0									6.5	5.1
W	1.1	7.1	1.8	.1								10.2	5.3
WNW	1.0	3.0	3.3	.1	.4							7.9	6.9
NW	.6	2.4	2.3	.4	.5	.1						6.3	8.4
NNW	.4	2.4	2.8	.8	.4	.1						6.9	8.5
VARBL													
CALM												13.3	
	5.7	27.5	23.4	18.4	10.2	1.5						100.0	8.4

TOTAL NUMBER OF OBSERVATIONS

788

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

167160
STATION

HELLENIXON AB GR
STATION NAME

73-81
YEARS

SEP
MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.5	1.3	3.3	1.9	.5	.1					7.7	14.6
NNE	.1		1.7	8.7	4.3	2.0						16.8	15.8
NE		.4	1.3	3.3	1.3	.1						6.4	13.4
ENE			.9	1.0	.6							2.6	13.8
E		.4	.6	.6	.3							1.9	11.3
ESE			.1	.3								.4	13.0
SE			.3	.1								.4	10.7
SSE		.3	.3									.5	7.3
S		1.3	2.4	.9								4.6	8.6
SSW		2.0	4.3	.9								7.3	8.2
SW	.3	5.2	4.0	.5								9.9	6.8
WSW	.4	9.4	5.5	.3								15.6	6.4
W	.1	7.3	5.5									12.9	6.4
WNW	.1	1.0	2.9	1.3	.1							5.5	9.8
NW		.5	.9	1.5	.1							3.1	11.0
NNW		.4	.9	.5	.4		.1					2.3	12.4
VARBL													
CALM												2.3	
	1.0	28.7	32.8	23.2	9.1	2.7	.3					100.0	10.0

TOTAL NUMBER OF OBSERVATIONS

784

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

167160
STATION

HELLENIKON AB GR
STATION NAME

73-81
YEARS

SEP
MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.4	1.5	4.4	.8							7.0	13.2
NNE		.5	1.7	8.8	3.2	1.0						15.2	14.7
NE		.3	1.7	2.6	1.0							5.5	13.1
ENE		.1	2.0	2.6	.9	.1						5.8	13.0
E	.1	.6	2.9	5.5	.8							10.0	12.3
ESE	.3	.3	.8	.5								1.8	8.5
SE		.1	.5									.6	8.0
SSE		.1	.9	.6	.1							1.8	11.0
S		2.6	9.0	2.6	.1							14.2	9.1
SSW	.4	2.9	8.7	3.1	.1							15.2	9.2
SW	.1	1.9	3.1	.3								5.4	7.6
WSW	.4	3.1	1.8									5.2	6.1
W		2.4	1.8									4.2	6.4
WNW		.9	.3	1.2	.1							2.4	10.6
NW			.4	1.0	.3							1.7	13.9
NNW		.6	.4	.1	.3		.1					1.5	10.3
VARBL		.1										.1	6.0
CALM												2.2	
	1.3	17.0	37.4	33.2	7.7	1.2	.1					100.0	10.6

TOTAL NUMBER OF OBSERVATIONS

781

1
2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

167160
STATION

HELLENIKON AB GR
STATION NAME

73-81
YEARS

SEP
MONTH

ALL WEATHER
CLASS

1800-2000
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.6	2.9	2.9	1.7							8.3	12.2
NNE		1.0	3.7	5.7	1.8	.5						12.7	12.8
NE		1.1	2.7	3.3	.1							7.3	10.4
ENE	.3	1.8	5.2	6.0	.9							14.1	11.1
E	.3	1.7	4.7	6.0	1.0							13.6	11.2
ESE	.1		.4									.5	6.8
SE	.3	1.3	1.1	.4								3.1	7.2
SSE	.5	4.8	2.4	.3								8.0	6.0
S	1.0	6.1	5.3	.5								13.0	6.6
SSW	.1	1.9	2.3	.1								4.5	7.0
SW		.5	.1	.1	.1							.9	9.1
WSW		.3										.3	4.0
W	.1	.6	.1									.9	5.3
WNW		.1	.3	.4	.1							.9	11.3
NW	.1	.4	.3	1.1	.6							2.5	12.5
NNW	.1	.8	.4	.3	.3							1.8	8.9
VARBL													
CALM												7.8	
	3.1	23.0	31.9	27.1	6.6	.5						100.0	9.1

TOTAL NUMBER OF OBSERVATIONS

786

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

167167
STATION

HELLENIKON AB GR

STATION NAME

73-81

YEARS

SEP

MONTH

ALL WEATHER

CLASS

2100-2300

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	5.6	6.5	2.4	.9							16.7	8.3
NNE	.5	3.1	2.8	1.9	.9	.1						9.4	9.4
NE	.5	2.2	1.9	1.0		.1						5.8	8.0
ENE	.8	2.1	3.0	1.5	.1							7.4	8.4
E	.5	1.7	1.8	1.2	.3							5.4	8.4
ESE	.5	.4										.9	3.4
SE	.8	2.1	.1									3.0	4.4
SSE	.4	1.8	.3									2.4	4.7
S	.1	1.3	.4	.1								1.9	6.0
SSW	.3	.4	.3	.1								1.0	6.8
SW		.1	.1	.1								.4	8.3
WSW		.4	.3									.6	6.4
W	.6		.1		.1							.9	6.0
WNW	.1	.5	.3	.5	.3	.1						1.8	11.4
NW	.1	.8	1.4	.5	.5	.3						3.6	10.9
NNW	.6	2.2	1.2	.6	.3							4.9	7.7
VARBL													
CALM												33.9	
	7.1	24.5	20.4	10.1	3.3	.6						100.0	5.4

TOTAL NUMBER OF OBSERVATIONS

779

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

167160
STATION

HELLENIKON AB GR
STATION NAME

73-81
YEARS

SEP
MONTH
ALL
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	4.5	4.5	3.7	1.5	.1	.0					15.1	9.8
NNE	.4	2.1	2.6	4.9	2.2	.6	.0					12.7	12.3
NE	.4	1.3	1.5	2.1	.5	.0						5.8	10.2
ENE	.3	.9	1.7	1.6	.4	.0						5.0	10.3
E	.4	.9	1.5	1.8	.3							5.0	10.0
ESE	.2	.2	.2	.1								.8	6.5
SE	.2	.5	.3	.1								1.2	6.0
SSE	.1	1.0	.5	.1	.0							1.8	6.3
S	.2	1.4	2.3	.6	.0							4.5	7.9
SSW	.1	1.1	2.1	.5	.0	.0						4.0	8.3
SW	.1	1.2	1.0	.1	.0							2.4	7.0
WSW	.2	2.3	1.1	.0								3.6	6.1
W	.3	2.2	1.2	.0	.0							3.7	6.0
WNW	.3	.6	1.0	.5	.2	.0						2.7	8.9
NW	.2	.8	.9	.8	.3	.0						3.0	9.9
NNW	.4	2.2	1.6	.6	.3	.1	.0					5.1	8.1
VARBL		.0										.0	6.0
CALM												23.5	
	4.5	23.6	24.0	17.6	5.8	.9	.1					100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 6221

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

167160
STATION

HELLENIKON AB GR
STATION NAME

73-81
YEARS

OCT
MONTH

ALL WEATHER
CLASS

0000-0200
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.1	6.7	5.3	3.2	.6							18.0	8.1
NNE	.5	2.4	2.9	2.2	.6	.5						9.1	10.2
NE	2.2	1.2	.7	1.1	.6	.1						6.1	8.2
ENE	1.4	2.4	1.0	1.5	.6							6.8	8.1
E	1.1	1.6	.5	.6	.2							4.1	6.9
ESE	.2	.6	.2	.2	.1							1.5	7.7
SE	.6	1.5	.5	.2	.1							3.0	6.4
SSE	.2	.6	.6	.6								2.1	8.6
S	.2	.4	.7	.7	.2	.1						2.5	11.3
SSW		.1	.5	.6	.1	.1						1.5	12.4
SW		.2	.5									.7	8.3
WSW		.2	.2	.1								.6	7.8
W	.1	.2	.1	.2								.7	9.2
WNW		.1	.6	.5	.1							1.4	10.5
NW		.6	.5	.6	.1							1.9	9.9
NNW	.6	2.1	2.9	.4	.6							6.6	8.1
VARB													
CALM												33.4	
	9.4	21.1	17.9	13.0	4.2	.9						100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 805

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

167160
STATION

HELLENIKON AB GR
STATION NAME

73-81
YEARS

OCT
MONTH

ALL WEATHER
CLASS

0300-0500
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.5	7.3	5.7	2.8	.7	.1						18.1	8.0
NNE	1.1	3.8	2.2	2.8	.7	.4						11.1	9.2
NE	1.5	1.9	1.5	.9	1.0							6.7	8.5
ENE	1.7	1.5	.7	1.0	.2							5.2	6.9
E	1.5	1.4	.7	.4		.1						4.1	6.2
ESE	.6	.4	.1	.2	.2							1.6	7.7
SE	.4	1.0	.9	.4	.2							2.8	8.2
SSE	.2	.6	1.0	.1	.2							2.2	8.4
S		.5	.7	.4								1.6	8.7
SSW		.2	.1	.5	.2							1.1	12.4
SW		.2	.2	.2	.1							.9	11.3
WSW	.2	.2			.1							.6	7.4
W		.1	.4	.1								.6	8.4
WNW		.1	.1	.5								.7	11.0
NW	.4	1.1	.7	.2								2.5	6.8
NNW	.2	2.2	1.2	.4	.5							4.6	8.1
VARBL													
CALM												35.6	
	9.4	22.6	16.4	11.0	4.4	.6						100.0	5.3

TOTAL NUMBER OF OBSERVATIONS

810

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

167160
STATION

HELLENIKON AB GR
STATION NAME

73-81
YEARS

OCT
MONTH

ALL WEATHER
CLASS

3600-0800
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.5	5.2	6.4	3.8	.7	.4						18.0	8.7
NNE	1.0	2.7	2.7	2.8	1.1	.2						10.6	10.0
NE	1.1	2.0	1.8	1.6	.9	.1						7.5	9.6
ENE	1.2	2.0	1.0	.5	.4	.1						5.2	7.4
E	.9	1.1	.4		.1	.1						2.6	6.6
ESE	.5	1.1	.4	.1								2.1	5.6
SE	.4	1.0	.7	.1								2.2	6.4
SSE	.2	.4	.7	.1		.1						1.6	8.7
S		.7	.4	.4		.1						1.6	9.6
SSW		.6	.1	.2	.4							1.4	10.3
SW				.1	.2							.4	16.0
WSW		.2	.2			.1						.6	10.2
W			.1	.1								.2	10.0
WNW			.4	.2								.6	11.4
NW	.2	.7	.6	.2	.1							2.0	8.1
NNW	.4	2.8	1.6	1.0	.1							5.9	7.4
VARBL													
CALM												37.5	
	7.4	20.6	17.6	11.5	4.1	1.4						100.0	5.4

TOTAL NUMBER OF OBSERVATIONS

811

1
2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

167160
STATION

HELLENIKON AB GR
STATION NAME

73-81
YEARS

OCT
MONTH

ALL WEATHER
CLASS

0900-1100
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	2.7	5.1	3.7	1.2	.1						13.1	10.4
NNE	.2	1.5	2.2	6.2	3.3	.4	.2					14.1	13.6
NE	.2	.4	1.2	2.4	.5	.1	.1					5.0	12.7
ENE	.1	.2	.5	1.2	.2	.1						2.5	12.4
E		.5	.4	.5		.2						1.6	11.6
ESE	.1	.1	.2									.5	6.3
SE		.5	.6	.1								1.2	7.5
SSE		1.1	1.4	.9								3.3	9.0
S		1.7	1.9	.2	.2							4.1	7.7
SSW	.2	.6	1.1	.7	.2							3.0	9.3
SW	.2	1.4	.2	.1	.2	.1						2.4	7.6
WSW	.2	3.3	.1	.2		.1						4.1	5.7
W	.6	3.2	.1									4.0	5.0
WNW	.9	3.2	1.0	.1								5.2	5.5
NW	.9	2.9	.6	.4	.1							4.8	6.1
NNW	.7	3.5	1.7	1.0	.5							7.4	7.6
VARBL													
CALM												23.7	
	4.8	26.9	18.5	17.8	6.7	1.2	.4					100.0	7.2

TOTAL NUMBER OF OBSERVATIONS

807

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

167160
STATION

HELLENIKON AB GR
STATION NAME

73-81
YEARS

OCT
MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	1.0	4.0	3.7	1.4	.2						10.5	11.9
NNE	.2	.1	1.5	7.8	3.0	.5						13.1	14.5
NE	.1	.6	1.2	2.6	.7	.4	.1					5.8	13.6
ENE		.4	1.2	.9		.2	.1					2.9	11.9
E		.4	.9	.6	.1	.1	.1					2.2	12.0
ESE			.1									.1	10.0
SE		.1	.2									.4	8.0
SSE	.1	.2	1.0	1.0	.5							2.9	12.2
S	.2	1.7	3.7	2.7	.2							8.7	9.7
SSW	.4	4.7	2.9	.7	.4							9.0	7.4
SW	.1	4.5	1.4	.1								6.1	6.0
WSW	.2	5.8	2.6	.1	.2							9.0	6.4
W	.9	4.0	4.0	.2		.1						9.2	6.9
WNW	.1	1.6	3.0	.5	.1							5.3	8.0
NW		1.4	1.7	1.4								4.5	9.0
NNW	.1	.6	1.2	1.2	.5							3.7	11.1
VARBL													
CALM												6.6	
	2.9	27.1	30.6	23.7	7.2	1.6	.4					100.0	9.3

TOTAL NUMBER OF OBSERVATIONS

807

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

167160
STATION

HELLENIKON AB GR
STATION NAME

73-81
YEARS

OCT
MONTH
1500-1700
HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.9	2.6	2.8	.8							7.2	11.6
NNE		.4	2.9	6.7	2.8	.4	.1					13.2	14.2
NE	.1	.1	1.8	2.8	1.4							6.2	13.0
ENE	.1	1.1	2.8	2.9	.6	.1						7.7	11.0
E		.3	2.0	2.1	.3							4.7	11.7
ESE		.5	.6	.1	.1							1.4	9.5
SE	.3	.1	.9	.6								1.9	9.9
SSE	.1	1.1	2.3	1.1	.4	.1						5.2	10.5
S	.4	3.5	8.3	3.9	.4							16.5	9.2
SSW	.5	5.0	4.8	1.6	.3							12.2	8.0
SW		1.8	1.1		.1							3.0	6.7
WSW	.4	1.9	1.1		.1	.1						3.6	7.0
W	.1	1.9	1.5		.1	.1						3.8	7.5
WNW	.4	1.1	.6	.4								2.5	6.8
NW	.1	.5	.8	.5								1.9	8.8
NNW		.6	1.1	1.1	.4							3.3	11.1
VARBL													
CALM												5.9	
	2.6	20.9	35.2	26.7	7.7	.9	.1					100.0	9.7

TOTAL NUMBER OF OBSERVATIONS

795

8
2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

167160
STATION

HELLENIKON AB GR
STATION NAME

73-81
YEARS

OCT
MONTH

ALL WEATHER
CLASS

1800-2000
HOURS (L & T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	2.6	4.5	2.2	.4							10.2	9.0
NNE	.1	1.9	3.0	5.6	1.1	.6						12.3	11.9
NE	.1	2.6	4.2	3.1	.6							10.7	10.0
ENE	.4	2.6	5.2	4.3	.7							13.3	10.0
E	.1	.9	2.5	2.4	.5							6.3	11.1
ESE	.4	1.0	.7	.2	.1							2.5	7.1
SE	.1	2.0	1.5	1.2								4.8	7.9
SSE	1.1	3.5	2.1	.5	.4							7.6	6.8
S	1.0	3.0	4.1	1.0	.7							9.8	8.1
SSW	.2	.9	.6	.6								2.4	8.4
SW		.4	.1	.1								.6	8.0
WSW			.2	.2	.2		.1					.9	16.3
W		.2	.2	.2								.7	9.0
WNW		.4	.4	.5								1.2	9.5
NW		.5	.4	.5	.2							1.6	10.3
NNW	.1	.7	1.2	.4								2.5	8.4
VARBL													
CALM												12.7	
	4.2	23.1	31.0	23.2	5.1	.6	.1					100.0	8.3

TOTAL NUMBER OF OBSERVATIONS

806

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

167167
STATION

HELLENIKON AB GR
STATION NAME

73-81
YEARS

OCT
MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	4.5	4.3	2.9	.2							12.5	8.6
NNE	1.1	2.9	3.6	3.4	1.2	.2						12.5	10.2
NE	.4	2.9	2.3	1.3	.5	.2						7.7	9.2
ENE	.6	2.9	1.8	1.6	.7	.1						7.9	8.9
E	1.2	1.2	1.8	1.2	.4							5.9	8.4
ESE	.5	.9	.4									1.7	4.8
SE	.6	1.8	.7	.4								3.6	6.1
SSE	.6	1.8	1.0	1.0	.1							4.5	7.7
S	.4	.4	.7	1.1	.5	.1						3.2	11.3
SSW		.4	.4	.4	.1	.1						1.3	11.5
SW	.1	.1	.2		.1							.6	9.0
WSW		.2		.2	.4	.1						1.0	13.6
W		.1	.1		.2							.5	14.0
WNW	.2	.4	.4	.2								1.2	7.5
NW		.2	1.2	1.2	.4							3.1	11.6
NNW	.4	2.3	1.3	1.7								5.8	8.1
VARBL													
CALM												27.0	
	6.6	23.3	20.4	16.8	4.9	1.0						100.0	6.6

TOTAL NUMBER OF OBSERVATIONS

815

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

167160
STATION

HELLENIKON AB GR
STATION NAME

73-81
YEARS

OCT
MONTH

ALL WEATHER
CLASS

ALL
HOURLS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.8	3.9	4.7	3.2	.8	.1						13.5	9.2
NNE	.5	2.0	2.6	4.7	1.7	.4	.0					12.0	11.9
NE	.7	1.5	1.9	2.0	.8	.1	.0					7.0	10.4
ENE	.7	1.6	1.9	1.7	.4	.1	.0					6.4	9.4
E	.6	.9	1.1	1.0	.2	.1	.0					3.9	9.2
ESE	.3	.6	.4	.1	.1							1.4	6.9
SE	.3	1.0	.8	.4	.0							2.5	7.4
SSE	.3	1.2	1.3	.7	.2	.0						3.7	8.7
S	.3	1.5	2.6	1.3	.3	.0						6.0	9.2
SSW	.2	1.6	1.3	.7	.2	.0						4.0	8.6
SW	.1	1.1	.5	.1	.1	.0						1.8	7.3
WSW	.1	1.5	.6	.1	.1	.1	.0					2.6	7.3
W	.2	1.2	.8	.1	.0	.0						2.5	7.1
WNW	.2	.9	.8	.4	.0							2.3	7.6
NW	.2	1.0	.8	.6	.1							2.8	8.5
NNW	.3	1.9	1.5	.9	.3							5.0	8.4
VARBL													
CALM												22.8	
	5.9	23.2	23.4	17.9	5.5	1.0	.1					100.0	7.2

TOTAL NUMBER OF OBSERVATIONS

6456

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

167160
STATION

HELLENIXON AB GR
STATION NAME

73-81
YEARS

NOV
MONTH
0000-0200
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 56	%	MEAN WIND SPEED
N	1.3	7.7	4.9	1.5	.3							15.7	6.9
NNE	1.7	4.6	1.9	2.2	.6							11.1	7.7
NE	.8	2.4	2.4	.9								6.6	7.2
ENE	1.8	2.6	1.0	1.3	.1							6.8	6.9
E	.5	2.4	.8	.1								3.9	5.6
ESE	.3	.8	.4	.3								1.7	6.3
SE	.3	1.0	1.8	.8								3.9	8.4
SSE	.1	1.3	.9	.6								3.0	7.6
S			.6	1.7	.4	.1						2.8	14.0
SSW		.1	.8	.6	1.0	.1						2.7	14.3
SW			.6	.6	.1							1.4	12.9
WSW	.1		.3	.6	.4							1.4	13.2
W		.3	.4	.4								1.0	9.9
WNW		.3		.4	.1							.8	11.8
NW	.3	.5	.8	.5	.1							2.2	8.6
NNW	.4	2.7	1.0	1.5		.1						5.8	8.3
VARBL													
CALM												29.3	
	7.5	26.8	18.7	14.2	3.2	.4						100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 777

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

167167
STATION

HELLENIKON AB GR
STATION NAME

73-81
YEARS

NOV
MONTH

ALL WEATHER
CLASS

0300-0500
HOURS (L & T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	8.7	4.4	1.9	.1							16.8	7.0
NNE	1.9	4.3	3.1	1.3	.8	.3						11.6	7.7
NE	1.4	2.7	1.8	1.0	.3							7.2	7.3
ENE	1.2	3.7	.8	1.2	.4	.1						7.4	7.5
E	.8	1.9	.3	.3								3.2	5.3
ESE	.4	.9	.3	.5								2.1	7.3
SE		1.2	.5	.5	.3							2.5	8.9
SSE	.1	.9	1.0	.9	.1							3.1	9.0
S		.4	.8	.8	.1	.1						2.2	11.3
SSW	.1	.3	.9	1.6	.1	.3						3.2	12.2
SW			.1	.4	.3							.8	13.7
WSW		.5	.5	.6	.3							1.9	10.9
W			.1	.4			.1					.6	17.4
WNW	.1	.3	.3	.5	.3	.3						1.7	13.2
NW	.3	.6	.4	.1								1.4	8.4
NNW	.3	1.4	1.2	.9	.1							3.9	8.7
VARBL													
CALM												30.4	
	8.3	27.8	16.4	12.9	3.1	1.0	.1					100.0	5.7

TOTAL NUMBER OF OBSERVATIONS

774

7
2GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MACPERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

167160
STATIONHELLENIKON AB GR
STATION NAME73-81
YEARSNOV
MONTHALL WEATHER
CLASS0600-0800
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	6.5	4.3	.9	.4	.1						13.5	7.1
NNE	1.0	4.5	2.8	1.8	1.4	.1						11.7	9.0
NE	1.0	4.1	2.3	.6	.4							8.5	7.0
ENE	1.2	3.6	1.2	1.4	.4							7.7	7.4
E	.9	2.7	.1	.3								4.0	5.0
ESE	.4	1.4	.3	.4	.3							2.7	7.0
SE	.3	1.3	.8	.5								2.8	7.5
SSE		.5	1.3	.8								2.6	10.0
S		.8	.6	.9	.5							2.8	10.9
SSW		.1	.6	.5	.4	.3						1.9	14.3
SW			.3	.6	.5	.1						1.5	15.9
WSW	.1	.3	.4	.5		.1						1.4	10.7
W		.1	.3	.4	.3							1.0	13.4
WNW		.3	.3	.3	.4							1.2	11.9
NW		.3	.5	.3	.3	.1						1.4	12.0
NNW	.5	2.3	1.8	.6	.8							6.1	8.4
VARBL													
CALM												28.9	
	6.8	28.8	17.8	10.8	5.9	.9						100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 775

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

167160
STATION

HELLENIKON AB GR
STATION NAME

73-81
YEARS

NOV
MONTH

ALL WEATHER
CLASS

0900-1100
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	6.1	6.5	3.7	.3	.3						16.9	8.7
NNE	.3	3.2	2.3	3.8	1.3	.3						11.0	10.9
NE	.4	1.5	1.0	1.1	.8	.1						4.9	10.4
ENE	.3	.4	1.6	1.3	.5							4.1	11.2
E	.4	.3	.5	.5								1.6	8.8
ESE	.4	.5										.9	3.9
SE	.1	1.4	.4	.6	.1							2.7	8.0
SSE	.3	1.9	1.0	.9	.5							4.6	8.9
S		2.0	1.6	.6	.3	.1						4.7	8.9
SSW		.9	.3	1.4	.1	.5	.1					3.3	13.0
SW		.4	.4	1.0	.1	.3						2.2	13.3
WSW		.8	.4	.6	.1							1.9	9.7
W	.3	.3	.4	.4	.3							1.5	9.8
WNW	.1	1.1	.6	.6	.5							3.0	9.8
NW	.3	1.1	.8	.9	.3							3.3	9.0
NNW	1.0	2.3	2.3	1.3	.1							7.0	7.7
VARBL													
CALM												26.4	
	3.8	24.1	20.1	18.8	5.2	1.5	.1					100.0	7.0

TOTAL NUMBER OF OBSERVATIONS

788

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

167160
STATION

HELLENIKON AB GR
STATION NAME

73-81
YEARS

NOV
MONTH

ALL WEATHER

1200-1400

CLASS

HOURLY (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	2.2	4.4	3.5	.9	.1						11.5	10.5
NNE	.1	1.0	3.0	4.9	2.3	.3						11.7	12.8
NE		.3	.5	2.2	1.0	.1						4.1	14.1
ENE		1.0	.3	1.2	.4							2.8	10.8
E		.1	.6	.9								1.7	10.9
ESE		.4	.4									.8	6.5
SE		.4	.9	.5								1.8	8.9
SSE		.9	1.9	1.4	.1	.1						4.5	9.8
S	.8	2.5	2.1	1.7	.3	.3						7.5	8.9
SSW	.4	3.0	1.2	1.3	.5	.4		.1				6.9	9.9
SW	.9	1.6	.4	.5		.1						3.5	7.0
WSW	.5	3.1	.8	.4	.1							4.9	6.1
W	1.0	6.9	1.7	.4	.1	.1						10.2	6.0
WNW	.8	3.0	1.2	.9	.4							6.2	7.6
NW	.1	1.6	1.4	1.3	.5							4.9	9.9
NNW	.4	.6	2.1	1.9	.4							5.4	10.5
VARBL													
CALM												11.4	
	5.4	28.5	22.8	23.1	7.1	1.6		.1				100.0	8.5

TOTAL NUMBER OF OBSERVATIONS

772

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

167160

HELLENIKON AB GR

73-81

NOV

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

1500-1700

CLASS

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	1.4	3.3	3.5	.4	.1						8.8	10.6
NNE		.8	2.4	5.0	1.4	.1						9.7	2.6
NE		1.0	2.0	2.2	.9	.1						6.3	11.8
ENE	.1	1.5	1.7	1.3	.5							5.1	9.7
E	.4	.3	1.5	1.8	.1							4.1	10.8
ESE	.1	.3	.4	.3								1.0	7.8
SE		.5	.8	.6								1.9	9.1
SSE	.1	1.8	2.4	1.2	.1	.1						5.8	9.0
S	1.3	4.6	4.3	2.7	.1							13.0	7.9
SSW	.8	3.2	1.4	.5	.3							6.1	7.0
SW	.5	1.5	.3	.3	.8	.1						3.5	9.4
WSW	.1	1.5		.3	.3	.1						2.3	8.1
W	.8	1.4	.5	.8	.4	.1						4.0	8.5
WNW		.9		.5	.1							1.5	8.8
NW	.5	1.2	1.9	1.9	.3							5.8	9.8
NNW		.8	1.8	2.4	.8	.1						6.3	11.1
VARBL													
CALM												14.8	
	5.2	22.6	24.8	25.1	6.4	1.0						100.0	8.3

TOTAL NUMBER OF OBSERVATIONS

782

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

167160
STATION

HELLENIKON AB GR
STATION NAME

73-81
YEARS

NOV
MONTH

ALL WEATHER
CLASS

1800-2000
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	2.6	3.6	2.9	.3		.1					9.9	9.3
NNE	.6	2.6	4.4	3.3	1.3	.1						12.3	10.4
NE	.8	2.9	2.4	2.1	.1							8.3	8.1
ENE	.6	3.1	3.9	3.1	.5							11.3	9.2
E	.5	2.3	2.0	.9	.6	.1						6.4	9.1
ESE	.6	1.1	.1	.1								2.0	5.0
SE	1.0	2.1	.9	.4	.1							4.5	6.4
SSE	.6	2.8	1.3	1.0	.5	.1						6.3	8.4
S	.3	1.1	1.4	1.9	.1							4.8	9.6
SSW	.1	.4	.5	.9	.4		.1					2.4	12.6
SW		.1	.3	.9	.3							1.5	13.2
WSW		.1	.5	1.1	.3							2.0	12.5
W		.4	.3	.3	.3	.1						1.3	11.9
WNW		.5	.5	.5	.1	.1						1.8	10.7
NW	.1	.5	.4	.8	.3							2.0	10.6
NNW		1.3	.8	2.0	.5	.1						4.6	11.4
VARBL													
CALM												18.7	
	5.6	24.0	23.1	22.1	5.5	.8	.3					100.0	7.7

TOTAL NUMBER OF OBSERVATIONS

797

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

167167
STATION

HELLENIKON AB GR
STATION NAME

73-81
YEARS

NOV
MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	6.6	4.6	1.7	.4							14.2	7.3
NNE	1.0	3.8	3.3	2.4	.9							11.5	8.9
NE	1.1	1.9	2.3	1.3	.1							6.8	7.7
ENE	1.3	4.3	2.0	1.8	.3							9.7	7.5
E	.4	2.3	1.0	.1	.3							4.1	6.8
ESE	.6	.9	.8									2.3	5.7
SE	.4	2.6	1.4	.8								5.1	7.1
SSE	.6	1.8	.9	.5	.5							4.3	8.1
S	.1	.6	.6	.4		.1						1.9	8.9
SSW	.1	.1	.6	.5	.9	.1						2.4	14.3
SW		.3	.9	.5	.3							1.9	10.8
WSW	.3	.3	.4	.5	.3							1.7	10.3
W		.5	.5	.4								1.4	8.7
WNW	.1	.4	.4	.5	.3	.1						1.8	11.0
NW	.1	.1	1.0	.8	.1							2.2	10.6
NNW	.3	2.7	1.1	.9	.4							5.4	8.1
VARBL													
CALM												23.5	
	7.4	29.2	21.9	13.0	4.6	.4						100.0	6.3

TOTAL NUMBER OF OBSERVATIONS

784

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

167167
STATION

HELLENIKON AB GR
STATION NAME

73-81
YEARS

NOV
MONTH

ALL WEATHER
CLASS

ALL
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.8	5.2	4.5	2.4	.4	.1	.0					13.4	8.2
NNE	.8	3.1	2.9	3.1	1.2	.1						11.3	9.9
NE	.7	2.1	1.9	1.4	.4	.0						6.6	8.8
ENE	.8	2.5	1.6	1.6	.4	.7						6.9	8.4
E	.5	1.5	.9	.6	.1	.0						3.6	7.7
ESE	.4	.8	.3	.2	.0							1.7	6.3
SE	.3	1.3	.9	.6	.1							3.2	7.8
SSE	.2	1.5	1.3	.9	.2	.0						4.3	8.8
S	.3	1.5	1.5	1.3	.2	.1						5.0	9.3
SSW	.2	1.0	.8	.9	.5	.2	.0	.0				3.6	11.2
SW	.2	.5	.4	.6	.3	.1						2.0	11.0
WSW	.1	.8	.4	.6	.2	.0						2.2	9.4
W	.3	1.2	.5	.4	.2	.0	.0					2.6	8.2
WNW	.1	.8	.4	.5	.3	.1						2.2	9.7
NW	.2	.7	.9	.8	.2	.0						2.9	9.7
NNW	.4	1.8	1.5	1.5	.4	.0						5.6	9.2
VARBL													
CALM												22.9	
	6.3	26.5	20.7	17.5	5.1	.9	.1	.0				100.0	6.9

TOTAL NUMBER OF OBSERVATIONS

6249

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

167160
STATION

HELLENIKON AB GR
STATION NAME

73-81
YEARS

DEC
MONTH

ALL WEATHER
CLASS

0000-0200
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.5	5.4	5.3	3.8	.6	.2						16.8	8.6
NNE	1.1	4.4	2.1	2.2	.7	.5						11.0	9.0
NE	1.0	2.7	1.0	.5	.4	.1						5.6	7.3
ENE	1.2	3.8	1.2	.4	.5							7.1	6.5
E	.6	2.7	.7	.4								3.7	6.1
ESE	.4	1.1	.5	.7	.1							2.8	7.9
SE	.4	1.2	.6	.2								2.5	6.3
SSE	.1	1.1	1.1	.5	.4							3.2	9.2
S		.9	1.0	1.6	.6							4.0	11.2
SSW		.4	.5	1.0	.5							2.3	12.9
SW		.2	1.2	1.2	.4							3.1	11.8
WSW	.2	.2	.7	.6	.1							2.0	9.8
W		.5	.4	1.0								1.8	10.8
WNW		.4	.4	.2	.1							1.1	9.7
NW		.5	.6	.5	.6	.2						2.5	13.1
NNW	.5	1.0	1.7	1.1	.1							4.4	8.4
VARBL		.1										.1	4.0
CALM												25.9	
	7.0	25.9	19.0	16.0	5.2	1.1						100.0	6.5

TOTAL NUMBER OF OBSERVATIONS

815

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

167160

STATION

HELLENIKON AB GR

STATION NAME

73-81

YEARS

DEC

MONTH

ALL WEATHER

CLASS

0300-0500

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	4.9	5.9	3.9	.6	.1						16.6	8.9
NNE	.9	4.1	3.4	2.1	.3	.4						11.1	8.5
NE	1.4	3.3	.8	.3	.6							6.3	6.4
ENE	2.0	4.5	.9	1.4	.1							8.9	6.4
E	.8	1.8	.4	.4	.3							3.5	6.4
ESE	.5	.5		.6	.1							1.8	7.9
SE	.4	1.5	.6	.3	.1							2.9	7.1
SSE	.3	1.5	.4	1.0	.1	.1						3.4	9.3
S		.1	.6	.6	.5							1.9	13.5
SSW		.1	.8	1.5		.1						2.5	12.5
SW		.8	.1	1.0	.3							2.1	11.6
WSW	.1	.4	1.6	.8	.4							3.3	10.3
W		.4	.4	1.1	.1							2.0	11.7
WNW		.5	.1	.1	.3	.1						1.1	11.7
NW	.1	.8	.5	.6	.6	.3						2.9	12.1
NNW	.3	2.1	1.8	1.3	.1	.1						5.6	8.8
VARBL													
CALM												24.3	
	7.9	27.1	18.1	16.9	4.5	1.3						100.0	6.6

TOTAL NUMBER OF OBSERVATIONS

800

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

167160
STATION

HELLENIKON AB GR
STATION NAME

73-81
YEARS

DEC
MONTH

ALL WEATHER
CLASS

0600-0800
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	6.6	5.0	4.1	.5	.4						17.0	9.0
NNE	1.4	5.0	2.0	3.0	.5		.3	.1				12.3	9.1
NE	1.0	3.5	1.1	.9	.8	.3						7.5	8.1
ENE	1.1	4.8	2.0	.4	.3							8.5	6.2
E	1.1	3.0	.4	.4	.1							5.0	5.4
ESE	.5	1.3	.3	.1	.1							2.3	5.9
SE	.1	2.1	.6	.5	.1							3.5	7.4
SSE	.1	.9	.4	.4	.1	.1	.1					2.1	10.5
S		.1	1.0	1.0	.1							2.3	11.6
SSW		.5	.8	1.3	.3	.3						3.0	12.3
SW		.1	.8	1.3								2.1	11.8
WSW	.3	.5	.8	.5								2.0	8.1
W		.1	.3	.8								1.1	11.3
WNW		.4	.4	.4	.1	.1						1.4	12.1
NW	.3	.1	.1	.5	.1	.1	.1					1.4	12.8
NNW	.8	1.8	1.4	2.0	1.1	.1						7.1	10.8
VARBL													
CALM												21.5	
	7.0	30.8	17.1	17.4	4.3	1.4	.5	.1				100.0	6.9

TOTAL NUMBER OF OBSERVATIONS

800

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

167160

HELLENIKON AB GR

73-81

DEC

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

0900-1100

CLASS

SOURCE (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	4.2	4.6	3.0	1.2	.2						14.1	9.3
NNE	.5	2.5	1.9	3.6	1.4	.4	.1					10.3	11.7
NE	.9	1.1	1.0	2.0	.6							5.6	10.3
ENE	.5	1.1	.6	.7	.5							3.5	9.2
E	.5	.2	.7	.2	.2							2.0	9.2
ESE		.5	.6	.1								1.2	7.2
SE	.2	1.7	.2	.6	.2	.1						3.2	8.6
SSE	.1	.4	1.2	1.4	.4							3.5	11.5
S	.2	.7	1.1	1.5	.7	.4						4.7	12.2
SSW	.1	.6	1.2	1.5	.4							3.8	11.1
SW		.4	.4	1.2	.2							2.2	12.2
WSW		.4	.5	.7	.1							1.7	10.9
W	.1	.7	.7	.5	.2	.1						2.5	10.1
WNW		.9	.2	.2	.1							1.5	8.3
NW		.7	.6	1.1	.1							2.6	10.7
NNW	.4	1.6	3.5	2.9	.4	.4						9.0	10.6
VARBL													
CALM												28.5	
	4.5	17.8	19.2	21.3	6.9	1.6	.1					100.0	7.4

TOTAL NUMBER OF OBSERVATIONS

807

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

167160
STATIONHELLENIXON AB GR
STATION NAME73-81
YEARSDEC
MONTHALL WEATHER
CLASS1200-1400
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	1.4	2.9	5.1	1.9	.2						11.7	12.4
NNE	.1	.7	1.4	5.6	.6	.7	.1					9.3	13.6
NE		.9	1.2	1.7	.6	.4						4.9	12.4
ENE	.1	.5	.2	1.4	.4							2.6	12.0
E		.6	.6	.2								1.5	8.2
ESE		.4	.4	.4								1.1	9.2
SE	.1	.4	.2	.2	.1							1.1	9.3
SSE		1.0	.7	2.0	.4	.2						4.4	11.9
S	.2	1.4	2.2	3.2	.7	.6						8.5	11.9
SSW	.6	2.1	1.2	1.5	.4							5.9	8.9
SW	1.1	1.9	.6	1.0	.5							5.1	7.8
WSW	.4	1.6	1.0	.4	.4							3.7	8.2
W	.9	4.0	1.2	1.0	.4	.1						7.6	7.2
WNW	.4	1.6	1.4	.7	.1							4.2	7.8
NW	.2	1.9	.6	1.7	.5							5.0	9.5
NNW	.1	1.0	2.9	2.1	1.1	.1						7.3	11.5
VARBL													
CALM												16.1	
	4.6	21.3	18.9	28.4	8.1	2.5	.1					100.0	8.9

TOTAL NUMBER OF OBSERVATIONS

803

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

16716U
STATION

HELLENIKON AB GR

STATION NAME

73-81

YEARS

DEC

MONTH

ALL WEATHER

CLASS

1500-1700

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	1.1	5.4	4.5	1.8							13.2	11.5
NNE		.8	3.0	3.7	1.5	.6						9.6	13.3
NE	.1	1.3	1.4	1.4	.5	.1	.1					4.9	11.3
ENE	.1	1.9	1.0	1.6	.5							5.2	9.8
E	.1	1.3	1.0	.9	.1							3.4	8.8
ESE		.8		.4								1.1	7.6
SE	.3	1.3	.1	.3	.1							2.0	7.1
SSE	.1	2.6	1.9	1.3	.5							6.4	9.0
S	.5	2.5	2.8	2.9	1.0	.3						9.9	10.3
SSW	.4	1.9	.8	1.5	.9							5.4	10.1
SW	.4	1.5	.5	.6	.5							3.5	8.9
WSW	.3	.9	.5	.4	.4							2.4	8.9
W	.8	1.5	1.1	1.3	.3							4.9	8.4
WNW	.3	.6	.9	.5								2.3	7.9
NW	.1	.3	.5	1.3	.4	.1						2.6	12.3
NNW	.1	.8	1.9	3.3	1.8	.1						7.9	13.0
VARBL													
CALM												15.1	
	3.9	20.9	22.8	25.7	10.2	1.3	.1					100.0	9.0

TOTAL NUMBER OF OBSERVATIONS

794

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

167160
STATION

HELLENIKON AB GR
STATION NAME

73-81
YEARS

DEC
MONTH

ALL WEATHER
CLASS

1800-2000
HOURS (L & T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		3.9	3.8	4.4	.7							12.9	10.0
NNE	.2	2.5	2.7	2.6	1.0	.5						9.5	10.7
NE	.4	3.9	2.1	1.0	.5	.1						8.0	7.9
ENE	.9	4.7	1.7	1.8	.5							9.6	7.8
E	.7	3.3	1.6	.9								6.5	6.6
ESE	.4	1.5	.4	.6	.1							3.0	7.7
SE	.6	2.7	.5									3.8	5.4
SSE	.6	1.0	1.2	.9	.4							4.1	9.0
S	.1	.6	1.2	2.0	1.0	.1						5.1	12.5
SSW	.1	.4	.5	1.6	.7	.1	.1					3.6	13.6
SW	.2	.1	.2	.9	.7							2.2	12.7
WSW	.2	.2	.6	.9	.2	.1						2.3	11.0
W		.2	.4	.5	.1							1.2	10.9
WNW			.5	.4	.4							1.2	13.2
NW		.1	.9	.5	.6	.1						2.2	13.2
NNW		.7	1.4	3.8	.6	.2		.1				6.9	13.1
VARBL													
CALM												17.8	
	4.6	26.0	19.7	22.7	7.6	1.4	.1	.1				100.0	8.1

TOTAL NUMBER OF OBSERVATIONS

811

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

167160
STATION

HELLENIKON AB GR
STATION NAME

73-81
YEARS

DEC
MONTH

ALL WEATHER

2100-2300
HOURS (LST)

CLAS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.9	5.7	3.9	3.6	.6	.1	.1					15.9	8.4
NNE	.7	2.1	2.1	1.9	.6	.1						7.6	9.4
NE	1.1	3.9	1.4	1.4	.1	.1						8.0	7.0
ENE	1.6	4.2	1.7	1.0	.4							9.0	6.8
E	1.4	1.1	1.5	.2	.2							4.5	6.6
ESE	.4	.6	.5									1.5	5.3
SE	.1	1.5	.7	.2								2.6	6.9
SSE	.5	2.0	.9	.7	.4							4.5	8.3
S		1.1	1.0	1.5	.5							4.1	10.9
SSW		.6	.7	1.7	.5	.4		.1				4.1	13.7
SW		.2	.4	.9	.2							1.7	12.4
WSW	.1	.5	.5	.7	.4							2.2	11.2
W	.1	.7	.6	.2	.4							2.1	9.5
WNW		.1	.5	.9	.1	.1						1.7	12.8
NW	.1	.4	.6	.4	.5	.4						2.4	13.3
NNW	.4	1.6	1.9	1.2	.4	.1						5.6	9.4
VARBL													
CALM												22.4	
	8.5	26.5	18.9	16.7	5.4	1.4	.1	.1				100.0	6.9

TOTAL NUMBER OF OBSERVATIONS

803

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

167160

HELLENIKON AB GR

73-81

DEC

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

CLASS

ALL

HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.8	4.2	4.6	4.1	1.0	.2	.0					14.8	9.6
NNE	.6	2.8	2.3	3.1	.8	.4	.1	.0				10.1	10.6
NE	.7	2.6	1.2	1.1	.5	.1	.0					6.3	8.5
ENE	.9	3.2	1.2	1.1	.4							6.8	7.5
E	.7	1.7	.9	.5	.1							3.8	6.8
ESE	.3	.8	.3	.4	.1							1.8	7.3
SE	.3	1.6	.5	.3	.1	.0						2.7	7.1
SSE	.2	1.3	1.0	1.0	.3	.1	.0					3.9	9.7
S	.1	.9	1.4	1.8	.7	.2						5.1	11.5
SSW	.2	.8	.8	1.4	.5	.1	.0	.0				3.8	11.5
SW	.2	.7	.5	1.0	.4							2.8	10.6
WSW	.2	.6	.8	.6	.2	.0						2.5	9.7
W	.2	1.0	.6	.8	.2	.0						2.9	9.0
WNW	.1	.6	.5	.4	.2	.0						1.8	9.8
NW	.1	.6	.6	.8	.4	.2	.0					2.7	11.8
NNW	.3	1.3	2.0	2.2	.7	.2		.0				6.7	10.9
VARBL		.0										.0	4.0
CALM												21.5	
	6.0	24.5	19.2	20.6	6.5	1.5	.1	.0				100.0	7.5

TOTAL NUMBER OF OBSERVATIONS

6433

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

167160
STATION

HELLENIKON AB GR
STATION NAME

73-81
YEARS

ALL
MONTH

ALL WEATHER
CLASS

ALL
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	3.8	3.8	3.2	1.0	.2	.0	.0				12.7	9.6
NNE	.4	2.0	2.3	3.6	1.4	.3	.0	.0				10.1	11.6
NE	.4	1.3	1.3	1.6	.5	.1	.0	.0				5.3	10.1
ENE	.5	1.6	1.4	1.6	.4	.0	.0	.0				5.6	9.5
E	.4	.9	.9	1.2	.3	.0	.0	.0				3.8	9.8
ESE	.2	.5	.3	.2	.1	.0						1.4	7.6
SE	.3	.9	.7	.4	.1	.0						2.5	8.1
SSE	.3	1.3	1.2	.7	.2	.0	.0					3.7	8.5
S	.3	1.6	2.5	1.3	.3	.1						6.0	9.1
SSW	.2	1.4	1.8	.9	.2	.0	.0	.0				4.5	8.9
SW	.2	1.2	.9	.3	.1	.0						2.7	7.7
WSW	.2	1.5	.8	.2	.1	.0	.0					2.9	6.9
W	.3	1.9	1.2	.3	.1	.0	.0					3.8	7.1
WNW	.2	1.0	.9	.6	.2	.0						3.1	9.0
NW	.2	1.2	1.2	1.1	.4	.1	.0					4.2	10.0
NNW	.4	1.9	1.7	1.3	.4	.1	.0	.0				5.7	9.0
VARBL	.0	.0	.0									.0	4.3
CALM												22.0	
	5.3	24.0	23.1	18.7	5.7	1.0	.1	.0				100.0	7.3

TOTAL NUMBER OF OBSERVATIONS

75614

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

167160
STATION

HELLENIKON AB GR
STATION NAME

73-81
YEARS

ALL
MONTH

INSTRUMENT

CLASS

CIG 200 TO 1400 FT W/ VSBY 1/2 MI OR MORE,

CONDITION

AND/OR VSBY 1/2 TO 2-1/2 MI W/CIG 200 FT OR MORE

ALL
HOURS (LST)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	2.3	3.1	4.8	3.2	2.2						16.3	13.5
NNE		1.0	1.6	2.3	1.5	2.0	.7	.5				9.5	17.5
NE	.1	1.2	.7	.7	.6	.4	.1	.1				4.0	12.7
ENE	.1	.7	.6	1.3	1.1		.1	.1				4.2	13.8
E	.1	.9	.7	1.8	1.2	.1	.2	.2				5.4	14.6
ESE	.1	1.1	.6	.9	.4	.2						3.3	10.7
SE	.2	1.1	1.5	1.3	.5	.2						4.9	11.1
SSE	.6	1.8	2.6	1.7	.9	.5						8.1	10.6
S	.2	1.3	1.6	1.8	2.0	.9						7.8	13.4
SSW	.1	.5	.7	.6	.5	.6	.4	.1				3.5	16.7
SW	.1	.4	.4	.2								1.1	7.8
WSW		.6	.5	.1	.1							1.3	8.5
W	.5	1.2	.2	.1	.2							2.3	7.0
WNW	.2	.1	.1	.7	.4	.1						1.7	12.9
NW	.4	1.2	.2	.3	.1	.4						2.8	9.6
NNW	.2	1.3	1.7	2.1	.7	.1						6.2	10.7
VARBL		.1										.1	4.0
CALM												17.4	
	3.9	17.0	16.9	21.1	13.3	7.7	1.6	1.1				100.0	10.6

TOTAL NUMBER OF OBSERVATIONS

813

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART D CEILING VERSUS VISIBILITY

This summary is a bivariate percentage frequency distribution by classes of ceiling from zero to equal to or greater than 20,000 feet and as a separate class "no ceiling", versus visibility in 16 classes from zero to equal to or greater than 10 miles. Data are derived from hourly observations, and three sets of tables are presented as follows:

1. Annual - all years and all hours combined
2. By month - all years and all hours combined
3. By month - by standard 3-hour groups

Due to the cumulative nature of this presentation, it is possible to determine the percentage frequency of occurrence for any given limit of ceiling or visibility separately, or in combination of ceiling and visibility. The totals progress to the right and downward. Ceiling may be determined independently by referring to totals in the extreme right hand column. Also, visibility may be determined independently by reference to the horizontal row of totals at the bottom of the page. The percentage frequency for which the station was meeting or exceeding any given set of minima may be determined from the figure at the intersection of the appropriate ceiling column and visibility row. Several examples in the use of these tables are shown on pages 2 and 3 below.

U. S. Weather Bureau and Navy stations did not report ceilings within the range 10,000 feet and higher prior to January 1949. Summaries prepared from data for these stations using the earlier period and data subsequent to January 1949 will be modified to limit ceilings to 10,000 feet. Short periods of record prior to 1949 for these stations will be eliminated from the summary. For Air Force stations, the "no ceiling" category includes clear and scattered conditions, and ceilings above 20,000 feet for period through June 1948. Beginning in July 1948 for Air Force stations and January 1949 for USWB and U. S. Navy stations the "no ceiling" category consists of observations with less than 6/10 total sky cover and those cases where total sky cover is 6/10 or more, but not more than 1/2 of the sky cover is opaque.

Beginning in January 1968, METAR stations report visibilities to 6 miles and then greater than 6 miles. Thus, for METAR stations, the category equal to or greater than 10 miles is not printed in the tables, unless the summary was for a period ending before January 1968.

Continued on Reverse Side

EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	$\geq 2\frac{1}{2}$	≥ 2	$\geq 1\frac{1}{2}$	$\geq 1\frac{1}{4}$	≥ 1	$\geq \frac{3}{4}$	$\geq \frac{1}{2}$	$\geq 5/16$	≥ 0
NO CEILING														
IV 1800														
IV 1500					91.0									92.6
IV 1200														
IV 1000														
IV 900														
IV 800														
IV 700														
IV 600														
IV 500									97.4					98.1
IV 400														
IV 300														
IV 200														
IV 100														
IV 0					95.4		96.9			98.3				100.0

EXAMPLE # 1 Read ceiling values independently of visibility under column at right headed ≥ 0 .
For instance, from the table: Ceiling ≥ 1500 feet = 92.6%.
Ceiling ≥ 500 feet = 98.1%.

EXAMPLE # 2 Read visibilities independently of ceilings on bottom line opposite ≥ 0 . From the table:
Visibility ≥ 3 miles = 95.4%.
Visibility ≥ 2 miles = 96.9%.
Visibility ≥ 1 mile = 98.3%.

EXAMPLE # 3 To obtain combinations of ceiling with visibility, read figure at intersection of the two categories; i.e.: Ceiling ≥ 1500 feet with visibility ≥ 3 miles = 91.0%.

ADDITIONAL EXAMPLES

EXAMPLE # 4 Values below minimums stated in the table may be obtained by subtracting the value given in the table from 100%. Thus, to obtain the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles, subtract the value read from the table at the intersection, which is 91.0, from 100.0. The answer 9.0 is the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles.

Likewise, the percentage of observations with ceiling < 500 feet and/or visibility < 1 mile is 2.6, obtained by subtracting 97.4 from 100.0.

EXAMPLE # 5 To find the percentage of observations falling within the two categories given in example above, subtract the value read from the table for the first set of limits from the value in the table for the second set of limits. The difference will be the percentage of observations meeting the lower set of limits, but not meeting the higher set of limits.

The value 91.0 read from the table at the intersection of ≥ 1500 feet with ≥ 3 miles, subtracted from 97.4 read from the table at the intersection of ≥ 500 feet with ≥ 1 mile is equal to 6.4%. Thus; 6.4 percent of the observations meet the criteria: "ceiling ≥ 500 feet with visibility > 1 mile, but < 3 miles; or ceiling ≥ 500 feet, but < 1500 feet with visibility ≥ 1 mile."

Since these tabulations are prepared in several ways including by month, by 3-hour groups it is possible to determine diurnal variations of ceiling and visibility limits as well as probabilities of various ceiling-visibility combinations.

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

16-60 HELLONIKON AB GP

73-81

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0300-0500

NO. FEET CEILING	VISIBILITY - STATUTE MILES															
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
NO. FEET CEILING	13.7	27.1	27.7	28.7	28.8	28.8	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.1
≥ 2000	14.6	29.9	33.9	32.0	32.1	32.1	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.4
≥ 1800	15.5	30.9	31.9	33.0	33.2	33.2	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.4
≥ 1600	15.6	31.0	32.0	33.2	33.3	33.3	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.5
≥ 1400	15.6	31.0	32.0	33.2	33.3	33.3	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.5
≥ 1200	16.1	38.1	39.4	40.5	40.8	40.8	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	41.0
≥ 1000	20.1	42.2	43.5	44.6	44.9	44.9	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.1
≥ 900	22.5	45.4	46.9	48.0	48.3	48.3	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.5
≥ 800	23.9	47.3	48.8	50.1	50.3	50.3	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.6
≥ 700	23.9	47.3	48.8	50.1	50.3	50.3	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.6
≥ 600	23.9	47.3	48.8	50.1	50.3	50.3	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.6
≥ 500	23.9	47.3	48.8	50.1	50.3	50.3	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.6
≥ 4500	24.0	67.2	69.0	70.3	70.5	70.5	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.8
≥ 4000	28.3	78.4	80.2	81.7	82.2	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.5
≥ 3500	32.8	83.5	85.3	86.8	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.5
≥ 3000	37.4	88.9	90.9	92.9	93.5	93.5	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.8
≥ 2500	38.5	91.1	93.4	95.6	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.8
≥ 2000	39.0	92.0	94.3	96.4	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.7	97.8	98.0
≥ 1800	39.0	92.0	94.3	96.4	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.7	97.8	98.0
≥ 1600	39.0	92.0	94.3	96.4	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.7	97.8	98.0
≥ 1400	39.0	93.1	95.8	98.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.4	99.5	99.6
≥ 1200	39.0	93.1	95.8	98.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.4	99.5	99.6
≥ 1000	39.0	93.1	95.8	98.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.4	99.5	99.6
≥ 900	39.0	93.1	95.8	98.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.4	99.5	99.6
≥ 800	39.0	93.1	95.8	98.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.4	99.5	99.6
≥ 700	39.0	93.3	95.9	98.2	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.7	99.9
≥ 600	39.0	93.3	95.9	98.2	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.7	99.9
≥ 500	39.0	93.3	95.9	98.2	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.7	99.9
≥ 400	39.0	93.3	95.9	98.2	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.7	99.9
≥ 300	39.0	93.3	95.9	98.2	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.7	99.9
≥ 200	39.0	93.3	95.9	98.2	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.7	99.9
≥ 100	39.0	93.3	95.9	98.2	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.7	99.9
≥ 0	39.0	93.3	95.9	98.2	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.7	99.9

TOTAL NUMBER OF OBSERVATIONS 787

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AT: WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

167180 HELLENIKON AB GR

73-81

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0600-0800

CEILING FEET	21	26	31	36	41	46	51	56	61	66	71	76	81	86	91	96
NO. OF OBS.	15.5	25.3	26.8	27.7	28.2	28.2	28.2	28.2	28.2	28.2	28.2	29.2	28.2	28.3	28.3	28.3
≥ 2000	17.9	29.9	31.6	32.6	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.3	33.3	33.3
≥ 1800	17.9	29.9	31.6	32.6	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.3	33.4	33.4
≥ 1600	17.9	29.9	31.6	32.6	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.3	33.4	33.4
≥ 1400	17.9	29.9	31.6	32.6	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.3	33.4	33.4
≥ 1200	19.2	36.5	39.0	40.3	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	41.1	41.2	41.2
≥ 1000	22.8	40.3	42.9	44.4	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.2	45.3	45.3
≥ 900	26.6	45.3	48.0	49.5	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.2	50.4	50.4
≥ 800	27.9	46.8	49.5	51.1	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.9	52.0	52.0
≥ 700	27.9	46.8	49.5	51.1	51.7	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	52.0	52.1	52.1
≥ 600	27.9	46.8	49.5	51.1	51.7	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	52.0	52.1	52.1
≥ 500	27.9	65.1	67.9	69.5	70.1	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.3	70.5	70.5
≥ 450	27.9	65.5	68.2	69.9	70.5	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.7	70.8	70.8
≥ 400	31.4	76.3	79.8	81.5	82.3	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.6	82.8	82.9
≥ 350	35.1	80.6	84.2	86.1	86.8	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.2	87.3	87.5
≥ 300	40.0	86.0	89.8	91.8	92.7	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	93.1	93.2	93.3
≥ 2500	41.3	88.2	92.9	95.0	96.4	96.5	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.8	96.9	97.0
≥ 2000	41.6	88.5	93.3	95.5	96.9	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.4	97.5	97.8
≥ 1800	41.6	88.5	93.5	95.8	97.1	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.6	97.8	98.0
≥ 1600	41.6	88.5	93.5	95.8	97.1	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.6	97.8	98.0
≥ 1400	41.7	89.5	94.8	97.0	98.5	98.6	98.8	98.9	98.9	98.9	98.9	98.9	98.9	99.1	99.3	99.5
≥ 1200	41.7	89.5	94.9	97.1	98.6	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.3	99.4	99.6
≥ 1000	41.7	89.5	94.9	97.1	98.6	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.3	99.4	99.6
≥ 900	41.7	89.5	94.9	97.1	98.6	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.3	99.4	99.6
≥ 800	41.7	89.5	94.9	97.1	98.6	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.3	99.4	99.6
≥ 700	41.7	89.6	95.2	97.4	98.9	99.0	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.5	99.6	99.9
≥ 600	41.7	89.6	95.2	97.4	98.9	99.0	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.5	99.6	99.9
≥ 500	41.7	89.6	95.2	97.4	98.9	99.0	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.5	99.6	99.9
≥ 400	41.7	89.6	95.2	97.4	98.9	99.0	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.6	99.8	100.0
≥ 300	41.7	89.6	95.2	97.4	98.9	99.0	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.6	99.8	100.0
≥ 200	41.7	89.6	95.2	97.4	98.9	99.0	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.6	99.8	100.0
≥ 100	41.7	89.6	95.2	97.4	98.9	99.0	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.6	99.8	100.0
≥ 0	41.7	89.6	95.2	97.4	98.9	99.0	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.6	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 806

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

16716 HELLNIKON AB GR

73-81

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

2930-1100

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥1	≥0.5	≥0.25	≥0.1	≥0.05	≥0.025	≥0.01	≥0.005	≥0.0025	≥0.001
NO. CEILING	18.3	27.3	30.5	31.5	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9
≥ 20000	24.2	35.0	38.4	40.2	40.8	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9
≥ 18000	24.4	35.4	38.8	40.7	41.3	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
≥ 16000	24.4	35.4	38.8	40.7	41.3	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
≥ 14000	24.4	35.4	38.8	40.7	41.3	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
≥ 12000	26.5	44.1	48.4	50.4	51.3	51.4	51.4	51.4	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
≥ 10000	28.7	46.9	51.7	53.7	54.6	54.7	54.7	54.7	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
≥ 9000	30.8	49.9	55.4	57.7	58.6	58.7	58.7	58.7	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
≥ 8000	32.2	51.4	57.4	59.7	60.6	60.7	60.7	60.7	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
≥ 7000	32.4	51.7	57.8	60.1	61.1	61.2	61.2	61.2	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 6000	32.4	51.7	57.8	60.2	61.1	61.2	61.2	61.2	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 5000	32.4	61.3	67.5	70.0	70.8	71.0	71.0	71.0	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
≥ 4500	32.9	62.1	68.3	70.8	71.7	71.8	71.8	71.8	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 4000	36.9	70.6	78.3	81.0	81.9	82.0	82.0	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
≥ 3500	40.7	75.1	83.0	85.6	86.6	86.7	86.7	86.7	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 3000	46.2	81.4	89.7	92.9	94.4	94.5	94.5	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 2500	47.1	83.0	91.6	94.7	96.4	96.6	96.6	96.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 2000	47.7	83.7	92.4	95.5	97.1	97.4	97.4	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 1800	47.7	83.7	92.4	95.5	97.1	97.5	97.5	97.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 1500	47.7	83.7	92.4	95.5	97.2	97.6	97.6	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1200	47.7	84.7	93.7	96.9	98.9	99.2	99.2	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1000	47.7	84.7	93.7	96.9	98.9	99.2	99.2	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 900	47.7	84.7	93.7	96.9	98.9	99.2	99.2	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 800	47.7	84.7	93.7	96.9	98.9	99.2	99.2	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	47.8	84.9	93.9	97.0	99.0	99.4	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	47.8	84.9	93.9	97.0	99.0	99.4	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	47.8	84.9	93.9	97.0	99.0	99.4	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	47.8	84.9	93.9	97.0	99.0	99.4	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	47.8	84.9	93.9	97.0	99.0	99.4	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	47.8	84.9	93.9	97.0	99.0	99.4	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	47.8	84.9	93.9	97.0	99.0	99.4	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	47.8	84.9	93.9	97.0	99.0	99.4	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 799

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

16-16
STATION

HELLENIKON AB GR
STATION NAME

73-81

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥8	≥6	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.75	≥0.5	≥0.25	≥0.1	≥0.05	≥0.01	≥0
NO. CEILING ≥ 27000	22.9	30.8	31.6	31.8	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9
≥ 18000	28.6	37.7	38.7	39.0	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1
≥ 15000	29.7	39.0	40.0	40.3	40.4	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5
≥ 14000	29.7	39.0	40.0	40.3	40.4	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5
≥ 12000	29.7	39.0	40.0	40.3	40.4	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5
≥ 10000	33.7	48.0	49.0	49.4	49.6	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
≥ 9000	37.1	52.7	53.9	54.4	54.7	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
≥ 8000	40.3	56.5	57.8	58.5	58.7	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
≥ 7000	41.8	58.0	59.6	60.3	60.5	60.6	60.6	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
≥ 6000	41.8	58.0	59.6	60.3	60.6	60.8	60.8	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
≥ 5000	41.8	58.1	59.7	60.4	60.8	60.9	60.9	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
≥ 4500	41.8	66.5	68.2	68.9	69.2	69.4	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
≥ 4000	42.7	67.0	68.9	69.5	70.0	70.1	70.1	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 3500	47.3	78.9	81.1	81.9	82.4	82.5	82.5	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 3000	51.9	84.8	87.2	88.0	88.6	88.7	88.7	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 2500	56.2	89.5	92.5	93.7	94.3	94.4	94.4	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 2000	56.8	90.6	94.2	95.4	96.1	96.3	96.3	96.5	96.6	96.7	96.7	96.8	96.8	96.8	96.8	96.8
≥ 1800	57.0	90.8	94.7	96.1	96.7	97.1	97.1	97.2	97.3	97.5	97.5	97.6	97.6	97.6	97.6	97.6
≥ 1500	57.1	90.9	95.1	96.5	97.3	97.7	97.7	97.8	98.0	98.1	98.1	98.2	98.2	98.2	98.2	98.2
≥ 1200	57.1	91.5	95.7	97.2	98.5	99.0	99.0	99.1	99.2	99.4	99.4	99.5	99.5	99.5	99.5	99.5
≥ 1000	57.1	91.5	95.7	97.2	98.5	99.0	99.0	99.1	99.2	99.4	99.4	99.5	99.5	99.5	99.5	99.5
≥ 900	57.1	91.5	95.7	97.2	98.5	99.0	99.0	99.1	99.2	99.4	99.4	99.5	99.5	99.5	99.5	99.5
≥ 800	57.1	91.5	95.7	97.2	98.5	99.0	99.0	99.1	99.2	99.4	99.4	99.5	99.5	99.5	99.5	99.5
≥ 700	57.1	91.8	95.9	97.5	98.9	99.4	99.4	99.5	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9
≥ 600	57.1	91.8	95.9	97.5	98.9	99.4	99.4	99.5	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9
≥ 500	57.1	91.8	95.9	97.5	98.9	99.4	99.4	99.5	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9
≥ 400	57.1	91.9	96.1	97.6	99.0	99.5	99.5	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 300	57.1	91.9	96.1	97.6	99.0	99.5	99.5	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 200	57.1	91.9	96.1	97.6	99.0	99.5	99.5	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 100	57.1	91.9	96.1	97.6	99.0	99.5	99.5	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 0	57.1	91.9	96.1	97.6	99.0	99.5	99.5	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 790

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

167150 HELLENIKON AB GR

73-81

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥2	≥2	≥2	≥2	≥2	≥2	≥2	≥2	≥2
N 20000	23.8	31.9	32.1	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.1	32.1	32.1	32.1	32.1
N 18000	29.8	39.7	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	40.0	40.0	40.0	40.0	40.0
N 16000	31.0	41.0	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.2	41.2	41.2	41.2	41.2
N 14000	31.0	41.2	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.5	41.5	41.5	41.5	41.5
N 12000	31.1	41.3	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.6	41.6	41.6	41.6	41.6
N 10000	35.1	49.4	49.7	49.7	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.9	49.9	49.9	49.9	49.9
N 9000	38.6	53.3	53.5	53.5	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.8	53.8	53.8	53.8	53.8
N 8000	41.3	56.4	56.7	56.7	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.9	56.9	56.9	56.9	56.9
N 7000	42.5	57.7	57.9	57.9	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.4	58.4	58.4	58.4	58.4
N 6000	42.5	57.7	57.9	57.9	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.5	58.5	58.5	58.5	58.5
N 5000	42.5	57.7	57.9	57.9	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.5	58.5	58.5	58.5	58.5
N 4500	42.6	65.1	65.4	65.4	65.9	65.9	65.9	65.9	65.9	65.9	65.9	66.0	66.0	66.0	66.0	66.0
N 4000	42.7	65.8	66.0	66.0	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.6	66.6	66.6	66.6	66.6
N 3500	49.6	80.4	80.8	80.8	81.3	81.3	81.4	81.4	81.4	81.4	81.4	81.6	81.6	81.6	81.6	81.6
N 3000	56.3	88.3	88.7	88.7	89.3	89.3	89.4	89.4	89.4	89.4	89.4	89.5	89.5	89.5	89.5	89.5
N 2500	59.7	91.7	92.4	92.9	93.8	93.9	94.0	94.0	94.0	94.0	94.0	94.1	94.1	94.1	94.1	94.1
N 2000	60.9	93.6	94.6	95.4	96.6	96.8	96.9	96.9	97.0	97.0	97.0	97.1	97.1	97.1	97.1	97.1
N 1800	61.1	94.0	95.0	96.0	97.3	97.5	97.6	97.6	97.8	97.8	97.8	97.9	97.9	97.9	97.9	97.9
N 1500	61.1	94.0	95.0	96.0	97.5	97.8	97.9	97.9	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1
N 1200	61.3	94.8	95.9	96.9	98.6	98.9	99.0	99.0	99.1	99.1	99.1	99.3	99.3	99.3	99.3	99.3
N 1000	61.3	94.8	95.9	96.9	98.6	98.9	99.0	99.0	99.1	99.1	99.1	99.3	99.3	99.3	99.3	99.3
N 900	61.3	94.8	95.9	96.9	98.6	98.9	99.0	99.0	99.1	99.1	99.1	99.3	99.3	99.3	99.3	99.3
N 800	61.3	94.8	95.9	96.9	98.6	98.9	99.0	99.0	99.1	99.1	99.1	99.3	99.3	99.3	99.3	99.3
N 700	61.3	94.9	96.0	97.1	99.0	99.4	99.5	99.5	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8
N 600	61.4	95.0	96.1	97.3	99.1	99.5	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9
N 500	61.4	95.0	96.1	97.3	99.1	99.5	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9
N 400	61.4	95.1	96.3	97.4	99.3	99.6	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
N 300	61.4	95.1	96.3	97.4	99.3	99.6	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
N 200	61.4	95.1	96.3	97.4	99.3	99.6	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
N 100	61.4	95.1	96.3	97.4	99.3	99.6	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
N 0	61.4	95.1	96.3	97.4	99.3	99.6	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 803

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

167167 HELLENIKON AB GR

73-81

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.75	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0.01
NO. REPORTED	22.2	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.9	33.9	33.9	33.9	33.9	33.9
≥18000	26.4	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.4	39.4	39.4	39.4	39.4	39.4
≥16000	27.3	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.3	40.3	40.3	40.3	40.3	40.3
≥14000	27.3	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.3	40.3	40.3	40.3	40.3	40.3
≥12000	29.2	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.9	48.9	48.9	48.9	48.9	48.9
≥10000	32.9	52.7	52.7	52.7	52.8	52.8	52.8	52.8	52.8	52.8	52.9	52.9	52.9	52.9	52.9	52.9
≥9000	36.9	56.8	57.1	57.1	57.5	57.5	57.5	57.5	57.5	57.5	57.6	57.6	57.6	57.6	57.6	57.6
≥8000	38.1	57.9	58.4	58.4	58.7	58.7	58.7	58.7	58.7	58.7	58.8	58.8	58.8	58.8	58.8	58.8
≥7000	38.1	58.0	58.5	58.5	58.8	58.8	58.8	58.8	58.8	58.8	59.0	59.0	59.0	59.0	59.0	59.0
≥6000	38.1	58.0	58.5	58.5	58.8	58.8	58.8	58.8	58.8	58.8	59.0	59.0	59.0	59.0	59.0	59.0
≥5000	38.1	67.4	67.9	67.9	68.3	68.3	68.3	68.3	68.3	68.3	68.4	68.4	68.4	68.4	68.4	68.4
≥4500	38.3	67.8	68.3	68.3	68.7	68.7	68.7	68.7	68.7	68.7	68.8	68.8	68.8	68.8	68.8	68.8
≥4000	41.5	79.7	80.2	80.2	80.6	80.6	80.6	80.6	80.6	80.6	80.7	80.7	80.7	80.7	80.7	80.7
≥3500	47.2	86.5	87.2	87.3	87.7	87.7	87.7	87.7	87.7	87.7	87.8	87.8	87.8	87.8	87.8	87.8
≥3000	52.1	92.0	93.4	93.6	94.3	94.3	94.3	94.3	94.3	94.3	94.5	94.5	94.5	94.5	94.5	94.5
≥2500	52.8	93.4	94.8	95.1	96.1	96.1	96.1	96.1	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2
≥2000	53.1	93.9	95.3	95.7	97.1	97.1	97.1	97.1	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2
≥1800	53.1	93.9	95.5	95.9	97.3	97.3	97.3	97.3	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4
≥1500	53.1	94.1	95.7	96.2	97.5	97.5	97.5	97.5	97.5	97.5	97.7	97.7	97.7	97.7	97.7	97.7
≥1200	53.1	95.3	97.2	97.8	99.1	99.1	99.1	99.1	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3
≥1000	53.1	95.3	97.2	97.8	99.1	99.1	99.1	99.1	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3
≥900	53.1	95.3	97.2	97.8	99.1	99.1	99.1	99.1	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3
≥800	53.1	95.3	97.2	97.8	99.1	99.1	99.1	99.1	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3
≥700	53.1	95.8	97.7	98.3	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥600	53.1	95.8	97.7	98.3	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥500	53.1	95.8	97.7	98.3	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥400	53.1	95.9	97.8	98.4	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥300	53.1	95.9	97.8	98.4	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥200	53.1	95.9	97.8	98.4	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥100	53.1	95.9	97.8	98.4	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥50	53.1	95.9	97.8	98.4	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥20	53.1	95.9	97.8	98.4	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 819

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

16 16

HELLENIKON AB GR

73-81

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

2100-2300

CEILING FEET	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100
≥ 2000	16.7	31.6	32.1	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6
≥ 1800	19.1	35.3	35.8	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3
≥ 1600	19.2	35.4	35.9	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4
≥ 1400	19.2	35.4	35.9	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4
≥ 1200	20.0	41.8	42.4	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9
≥ 1000	23.5	46.0	46.6	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
≥ 900	27.6	50.6	51.5	52.2	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
≥ 800	29.7	52.9	53.9	54.5	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
≥ 700	29.7	53.0	54.0	54.6	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
≥ 600	29.7	53.0	54.0	54.6	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
≥ 500	29.7	69.5	70.5	71.1	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 450	29.9	69.6	70.6	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
≥ 400	32.6	80.3	81.5	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥ 350	36.8	85.4	86.7	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 300	42.3	91.8	93.6	94.4	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 250	43.2	93.3	95.2	96.0	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 200	44.2	94.5	96.5	97.4	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 180	44.4	94.7	96.7	97.5	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 150	44.4	94.7	96.7	97.5	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 120	44.4	96.0	98.1	99.0	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 100	44.4	96.0	98.1	99.0	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 90	44.4	96.0	98.1	99.0	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 80	44.4	96.0	98.1	99.0	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 70	44.4	96.2	98.3	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 60	44.4	96.2	98.3	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 50	44.4	96.2	98.3	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 40	44.4	96.2	98.3	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 30	44.4	96.2	98.3	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 20	44.5	96.3	98.4	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 10	44.5	96.3	98.4	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 0	44.5	96.3	98.4	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 807

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

16-16

HELLENIKON AB GR

73-81

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

ALL

CEILING FEET	VISIBILITY STATUTE MILES															
	≥30	≥26	≥25	≥24	≥23	≥22	≥21	≥20	≥18	≥16	≥14	≥12	≥10	≥8	≥6	≥5
NO CEILING	18.3	29.4	30.4	30.9	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.2
≥ 20000	21.9	34.6	35.7	36.4	36.6	36.6	36.6	36.6	36.6	36.6	36.7	36.7	36.7	36.7	36.7	36.7
≥ 18000	22.5	35.3	36.4	37.1	37.3	37.3	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4
≥ 16000	22.5	35.3	36.4	37.2	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.5
≥ 14000	22.5	35.4	36.5	37.2	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.5	37.5	37.5	37.5	37.5
≥ 12000	24.4	43.1	44.5	45.3	45.6	45.6	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.8
≥ 10000	27.9	47.1	48.6	49.5	49.8	49.8	49.8	49.8	49.8	49.8	49.9	49.9	49.9	49.9	49.9	49.9
≥ 9000	31.2	51.1	52.9	53.8	54.1	54.1	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.3
≥ 8000	32.7	52.8	54.6	55.6	55.9	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.1	56.1
≥ 7000	32.7	52.8	54.7	55.7	56.1	56.1	56.1	56.1	56.1	56.1	56.2	56.2	56.2	56.2	56.2	56.2
≥ 6000	32.7	52.8	54.7	55.7	56.1	56.1	56.1	56.1	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.3
≥ 5000	32.7	66.2	68.1	69.1	69.5	69.5	69.5	69.5	69.5	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 4500	33.0	66.6	68.6	69.6	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.2
≥ 4000	37.3	78.2	80.5	81.7	82.1	82.2	82.2	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 3500	42.0	83.8	86.3	87.5	88.0	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.2
≥ 3000	46.6	89.1	91.9	93.4	94.1	94.1	94.2	94.2	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3
≥ 2500	47.6	90.7	93.9	95.5	96.4	96.5	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.8
≥ 2000	48.0	91.3	94.6	96.3	97.3	97.4	97.5	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.7	97.7
≥ 1800	48.0	91.4	94.7	96.4	97.3	97.5	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.8	97.8
≥ 1500	48.0	91.4	94.8	96.4	97.5	97.7	97.7	97.8	97.8	97.8	97.8	97.9	97.9	97.9	97.9	98.0
≥ 1200	48.1	92.4	96.0	97.7	98.9	99.1	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.4	99.5
≥ 1000	48.1	92.4	96.0	97.7	98.9	99.1	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.4	99.4	99.5
≥ 900	48.1	92.4	96.0	97.7	98.9	99.1	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.4	99.4	99.5
≥ 800	48.1	92.4	96.0	97.8	98.9	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.5
≥ 700	48.1	92.6	96.2	98.0	99.2	99.4	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.8	99.9
≥ 600	48.1	92.6	96.2	98.0	99.3	99.5	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.8	99.9
≥ 500	48.1	92.6	96.2	98.0	99.3	99.5	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.8	99.9
≥ 400	48.1	92.7	96.3	98.0	99.3	99.5	99.5	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.9
≥ 300	48.1	92.7	96.3	98.0	99.3	99.5	99.5	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.9
≥ 200	48.1	92.7	96.3	98.1	99.3	99.5	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9
≥ 100	48.1	92.7	96.3	98.1	99.3	99.5	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9
≥ 0	48.1	92.7	96.3	98.1	99.3	99.5	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 6401

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

16716 HELLENIKON AB GR

73-81

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 8	≥ 6	≥ 4	≥ 3	≥ 2	≥ 1	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 1/32	≥ 1/64	≥ 1/128	≥ 1/256	≥ 1/512
NO CEILING	15.6	30.1	31.4	31.8	31.8	31.8	31.8	31.8	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9
≥ 20000	17.8	34.0	35.6	36.0	36.0	36.0	36.0	36.0	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1
≥ 18000	18.1	34.3	35.8	36.3	36.3	36.3	36.3	36.3	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4
≥ 16000	18.1	34.3	35.8	36.3	36.3	36.3	36.3	36.3	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4
≥ 14000	18.1	34.3	35.8	36.3	36.3	36.3	36.3	36.3	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4
≥ 12000	19.0	42.5	44.2	44.6	44.9	44.9	44.9	44.9	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0
≥ 10000	24.6	49.0	50.7	51.1	51.4	51.4	51.4	51.4	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
≥ 9000	27.6	53.1	54.7	55.1	55.4	55.4	55.4	55.4	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
≥ 8000	29.3	55.3	56.9	57.4	57.8	57.8	57.8	57.9	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
≥ 7000	29.4	55.6	57.4	57.8	58.2	58.2	58.2	58.3	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
≥ 6000	29.4	55.6	57.4	57.8	58.2	58.2	58.2	58.3	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
≥ 5000	29.4	74.3	76.1	76.5	76.9	76.9	76.9	77.1	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 4500	29.6	74.4	76.3	76.7	77.1	77.1	77.1	77.2	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
≥ 4000	33.5	85.4	87.4	87.8	88.2	88.2	88.2	88.3	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 3500	35.8	87.9	89.9	90.3	90.7	90.7	90.7	90.8	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 3000	38.5	91.7	93.6	94.0	94.9	94.9	94.9	95.0	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 2500	39.0	93.5	95.4	96.0	96.9	96.9	96.9	97.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 2000	39.2	93.6	95.6	96.1	97.1	97.2	97.2	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 1800	39.3	93.8	95.7	96.3	97.2	97.4	97.4	97.5	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 1500	39.7	94.2	96.1	96.7	97.8	98.1	98.1	98.2	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 1200	39.7	94.9	96.9	97.6	98.9	99.3	99.3	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1000	39.7	94.9	96.9	97.6	98.9	99.3	99.3	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 900	39.7	94.9	96.9	97.6	98.9	99.3	99.3	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 800	39.7	94.9	96.9	97.6	98.9	99.3	99.3	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 700	39.7	95.0	97.1	97.8	99.0	99.4	99.4	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	39.7	95.0	97.1	97.8	99.0	99.4	99.4	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	39.7	95.0	97.1	97.8	99.0	99.4	99.4	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	39.7	95.0	97.2	97.9	99.2	99.6	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	39.7	95.0	97.2	97.9	99.2	99.6	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	39.7	95.0	97.2	97.9	99.2	99.6	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	39.7	95.0	97.2	97.9	99.2	99.6	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 50	39.7	95.0	97.2	97.9	99.2	99.6	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 720

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

16 15 HELLENIKON AB GR

73-81

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1300-2500

CEILING FEET	210	26	27	24	23	22	21	20	19	18	17	16	15	14	13	12	11	10
NO. CEILING ≥ 2000	12.1 13.5	26.5 29.8	29.0 32.9	29.6 33.9	29.6 34.0	29.6 34.0	29.6 34.0	29.6 34.0	29.6 34.0	29.6 34.0	29.6 34.0	29.6 34.0	29.6 34.0	29.6 34.0	29.6 34.0	29.6 34.0	29.6 34.0	29.6 34.0
≥ 1800 ≥ 1600	13.7 13.7	30.0 30.0	33.1 33.1	34.0 34.0	34.3 34.3	34.3 34.3	34.3 34.3	34.3 34.3	34.3 34.3	34.3 34.3	34.3 34.3	34.3 34.3	34.3 34.3	34.3 34.3	34.3 34.3	34.3 34.3	34.3 34.3	34.3 34.3
≥ 1400 ≥ 1200	13.7 14.4	30.0 38.1	33.1 41.6	34.0 42.5	34.3 42.8	34.3 42.8	34.3 42.8	34.3 42.8	34.3 42.8	34.3 42.8	34.3 42.8	34.3 42.8	34.3 42.8	34.3 42.8	34.3 42.8	34.3 42.8	34.3 42.8	34.3 42.8
≥ 1000 ≥ 800	19.1 23.7	43.2 48.4	47.0 52.3	48.0 53.3	48.3 53.6	48.3 53.6	48.3 53.6	48.3 53.6	48.3 53.6	48.3 53.6	48.3 53.6	48.3 53.6	48.3 53.6	48.3 53.6	48.3 53.6	48.3 53.6	48.3 53.6	46.3 53.6
≥ 600 ≥ 400	25.7 25.8	50.8 50.9	54.7 54.8	55.8 55.9	56.1 56.2	56.1 56.2	56.1 56.2	56.1 56.2	56.1 56.2	56.1 56.2	56.1 56.2	56.1 56.2	56.1 56.2	56.1 56.2	56.1 56.2	56.1 56.2	56.1 56.2	56.1 56.2
≥ 200 ≥ 100	25.8 25.8	50.9 68.9	54.8 72.8	55.9 73.9	56.2 74.2	56.2 74.2	56.2 74.2	56.2 74.2	56.2 74.2	56.2 74.2	56.2 74.2	56.2 74.2	56.2 74.2	56.2 74.2	56.2 74.2	56.2 74.2	56.2 74.2	56.2 74.2
≥ 400 ≥ 300	25.9 30.5	69.2 81.0	73.1 85.1	74.2 86.2	74.5 86.6	74.5 86.6	74.5 86.6	74.5 86.6	74.5 86.6	74.5 86.6	74.5 86.6	74.5 86.6	74.5 86.6	74.5 86.6	74.5 86.6	74.5 86.6	74.5 86.6	74.5 86.6
≥ 250 ≥ 100	33.9 37.9	84.8 89.1	88.8 93.9	90.4 95.4	90.9 96.0	90.9 96.0	90.9 96.0	90.9 96.0	90.9 96.0	90.9 96.0	90.9 96.0	90.9 96.0	90.9 96.0	90.9 96.0	90.9 96.0	90.9 96.0	90.9 96.0	90.9 96.0
≥ 250 ≥ 200	38.1 38.1	90.4 90.4	95.3 95.4	96.8 96.9	97.5 97.9	97.5 98.0	97.5 98.0	97.5 98.0	97.5 98.0	97.5 98.0	97.5 98.0	97.5 98.0	97.5 98.0	97.5 98.0	97.5 98.0	97.5 98.0	97.5 98.0	97.5 98.0
≥ 1800 ≥ 1500	38.4 38.6	90.7 90.9	95.7 96.0	97.2 97.5	98.2 98.5	98.3 98.6	98.3 98.6	98.3 98.6	98.3 98.6	98.3 98.6	98.3 98.6	98.3 98.6	98.3 98.6	98.3 98.6	98.3 98.6	98.3 98.6	98.3 98.6	98.3 98.6
≥ 1200 ≥ 100	38.6 38.6	91.5 91.5	96.5 96.5	98.3 98.3	99.4 99.4	99.6 99.6	99.6 99.6	99.6 99.6	99.6 99.6	99.6 99.6	99.6 99.6	99.6 99.6	99.6 99.6	99.6 99.6	99.6 99.6	99.6 99.6	99.6 99.6	99.6 99.6
≥ 900 ≥ 800	38.6 38.6	91.5 91.5	96.5 96.5	98.3 98.3	99.4 99.4	99.6 99.6	99.6 99.6	99.6 99.6	99.6 99.6	99.6 99.6	99.6 99.6	99.6 99.6	99.6 99.6	99.6 99.6	99.6 99.6	99.6 99.6	99.6 99.6	99.6 99.6
≥ 700 ≥ 600	38.6 38.6	91.5 91.5	96.5 96.5	98.3 98.3	99.7 99.7	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9
≥ 500 ≥ 400	38.6 38.6	91.5 91.5	96.5 96.5	98.3 98.3	99.7 99.7	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9
≥ 300 ≥ 200	38.6 38.6	91.6 91.6	96.7 96.7	98.5 98.5	99.9 99.9	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0
≥ 100 ≥ 50	38.6 38.6	91.6 91.6	96.7 96.7	98.5 98.5	99.9 99.9	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0

TOTAL NUMBER OF OBSERVATIONS 717

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

6718

HELLENIKON AB GR

73-81

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

6600-0800

		VISIBILITY IN STATUTE MILES																
		20	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12	11
NO. OF OBS.	20000	12.6	22.7	25.1	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6
	18000	16.2	29.5	32.3	33.2	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4
2	16000	16.5	29.8	33.1	34.2	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3
	14000	16.5	29.8	33.1	34.2	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3
2	12000	19.0	39.1	42.5	43.6	43.9	43.9	43.9	43.9	43.9	43.9	44.0	44.0	44.0	44.0	44.0	44.0	44.0
	10000	24.1	44.3	47.8	48.9	49.2	49.2	49.2	49.2	49.2	49.2	49.3	49.3	49.3	49.3	49.3	49.3	49.3
2	8000	29.1	50.1	53.7	54.8	55.1	55.1	55.1	55.1	55.1	55.1	55.3	55.3	55.3	55.3	55.3	55.3	55.3
	6000	30.5	52.1	55.7	56.8	57.1	57.1	57.1	57.1	57.1	57.1	57.2	57.2	57.2	57.2	57.2	57.2	57.2
2	4000	30.5	52.1	55.7	56.8	57.1	57.1	57.1	57.1	57.1	57.1	57.2	57.2	57.2	57.2	57.2	57.2	57.2
	2000	30.5	52.1	55.7	56.9	57.2	57.2	57.2	57.2	57.2	57.2	57.3	57.3	57.3	57.3	57.3	57.3	57.3
2	1000	30.5	68.4	72.0	73.3	73.5	73.5	73.5	73.5	73.5	73.5	73.7	73.7	73.7	73.7	73.7	73.7	73.7
	500	30.7	69.1	72.7	74.0	74.2	74.2	74.2	74.2	74.2	74.2	74.4	74.4	74.4	74.4	74.4	74.4	74.4
2	200	35.7	79.6	83.7	85.2	85.5	85.5	85.5	85.5	85.5	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6
	100	41.3	85.3	89.3	90.9	91.1	91.1	91.1	91.1	91.1	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3
2	50	44.5	89.8	93.8	95.3	95.7	95.7	95.7	95.7	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8
	25	45.3	91.4	95.4	97.1	97.5	97.5	97.6	97.6	97.6	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8
2	10	45.3	91.4	95.6	97.2	97.9	97.9	98.1	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3
	5	45.3	91.4	95.6	97.2	97.9	97.9	98.1	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3
2	2	45.3	91.7	96.0	97.8	99.0	99.2	99.3	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
	1	45.3	91.7	96.0	97.8	99.0	99.2	99.3	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
2	0.5	45.3	91.7	96.0	97.8	99.0	99.2	99.3	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
	0.2	45.3	91.8	96.1	97.9	99.2	99.3	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
2	0.1	45.3	92.0	96.3	98.1	99.3	99.4	99.6	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
	0.05	45.3	92.1	96.4	98.2	99.4	99.6	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2	0.02	45.3	92.1	96.4	98.2	99.4	99.6	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	0.01	45.3	92.1	96.4	98.2	99.4	99.6	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2	0.005	45.3	92.1	96.4	98.2	99.4	99.6	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	0.002	45.3	92.1	96.4	98.2	99.4	99.6	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2	0.001	45.3	92.1	96.4	98.2	99.4	99.6	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	0.0005	45.3	92.1	96.4	98.2	99.4	99.6	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 722

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

160167
STATION

HELLENIKON AB GR
STATION NAME

73-81
YEAR

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
TIME PERIOD

CEILING FEET	VISIBILITY STATUTE MILES																
	≥10	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12	11
NO CEILING	24.2	33.2	33.2	33.4	33.5	33.5	33.5	33.5	33.5	33.5	33.7	33.7	33.8	33.8	33.8	33.8	33.8
≥ 2000	31.7	44.6	44.6	44.8	44.9	44.9	44.9	44.9	44.9	44.9	45.1	45.1	45.2	45.2	45.2	45.2	45.2
≥ 1800	32.8	45.9	45.9	46.0	46.2	46.2	46.2	46.2	46.2	46.2	46.3	46.3	46.4	46.4	46.4	46.4	46.4
≥ 1600	32.8	45.9	45.9	46.0	46.2	46.2	46.2	46.2	46.2	46.2	46.3	46.3	46.4	46.4	46.4	46.4	46.4
≥ 1400	33.0	46.0	46.0	46.2	46.3	46.3	46.3	46.3	46.3	46.3	46.4	46.4	46.6	46.6	46.6	46.6	46.6
≥ 1200	36.4	54.8	54.8	55.1	55.4	55.4	55.4	55.4	55.4	55.5	55.5	55.5	55.6	55.6	55.6	55.6	55.6
≥ 1000	40.7	60.2	60.2	60.4	60.9	60.9	60.9	60.9	60.9	60.9	61.0	61.0	61.1	61.1	61.1	61.1	61.1
≥ 900	42.7	62.8	62.8	63.2	63.6	63.6	63.6	63.7	63.7	63.7	63.9	63.9	64.0	64.0	64.0	64.0	64.0
≥ 800	43.0	63.5	63.6	64.0	64.4	64.4	64.4	64.7	64.7	64.8	64.8	65.0	65.0	65.0	65.0	65.0	65.0
≥ 700	43.0	63.5	63.7	64.1	64.6	64.6	64.6	64.8	64.8	65.0	65.0	65.1	65.1	65.1	65.1	65.1	65.1
≥ 600	43.0	63.5	63.7	64.1	64.6	64.6	64.6	64.8	64.8	65.0	65.0	65.1	65.1	65.1	65.1	65.1	65.1
≥ 500	43.5	72.0	72.3	72.7	73.1	73.1	73.1	73.4	73.4	73.5	73.5	73.6	73.6	73.6	73.6	73.6	73.6
≥ 450	43.7	72.1	72.4	72.8	73.2	73.2	73.2	73.5	73.5	73.6	73.6	73.8	73.8	73.8	73.8	73.8	73.8
≥ 400	49.9	83.9	84.2	84.6	85.0	85.0	85.0	85.3	85.3	85.6	85.6	85.7	85.7	85.7	85.7	85.7	85.7
≥ 350	55.1	90.0	90.4	90.8	91.5	91.5	91.5	91.8	91.8	92.0	92.0	92.2	92.2	92.2	92.2	92.2	92.2
≥ 300	58.0	93.3	94.1	94.8	95.7	95.7	95.7	96.0	96.0	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4
≥ 250	58.8	94.8	95.9	96.7	97.7	97.7	97.7	97.9	97.9	98.2	98.2	98.4	98.4	98.4	98.4	98.4	98.4
≥ 200	58.8	94.8	96.2	97.1	98.2	98.2	98.2	98.5	98.5	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9
≥ 180	58.8	94.8	96.2	97.1	98.2	98.4	98.4	98.6	98.6	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0
≥ 150	58.8	94.8	96.2	97.1	98.2	98.4	98.4	98.6	98.6	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0
≥ 120	58.9	95.3	96.7	97.7	98.8	98.9	98.9	99.2	99.2	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.7
≥ 100	58.9	95.3	96.7	97.7	98.8	98.9	98.9	99.2	99.2	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.7
≥ 90	58.9	95.3	96.7	97.7	98.8	98.9	98.9	99.2	99.2	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.7
≥ 80	58.9	95.3	96.7	97.7	98.8	98.9	98.9	99.2	99.2	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.7
≥ 70	58.9	95.3	96.7	97.7	98.9	99.0	99.0	99.3	99.3	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.9
≥ 60	58.9	95.3	96.7	97.7	98.9	99.0	99.0	99.3	99.3	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.9
≥ 50	58.9	95.3	96.7	97.7	98.9	99.0	99.0	99.3	99.3	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.9
≥ 40	58.9	95.3	96.7	97.7	98.9	99.0	99.0	99.3	99.3	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.9
≥ 30	58.9	95.3	96.7	97.7	98.9	99.0	99.0	99.3	99.3	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.9
≥ 20	58.9	95.3	96.7	97.7	98.9	99.0	99.0	99.3	99.3	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.9
≥ 10	58.9	95.3	96.7	97.7	98.9	99.0	99.0	99.3	99.3	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.9
≥ 5	58.9	95.3	96.7	97.7	98.9	99.0	99.0	99.3	99.3	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.9
≥ 3	58.9	95.3	96.7	97.7	98.9	99.0	99.0	99.3	99.3	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.9
≥ 1	58.9	95.3	96.7	97.7	98.9	99.0	99.0	99.3	99.3	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.9

TOTAL NUMBER OF OBSERVATIONS 728

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

6716

HELLENIKON AB GR

73-81

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1500-1700

CEILING FEET	VISIBILITY - STATUTE MILES															
	27	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12
NO. REPORTS	22.6	32.1	32.3	32.3	32.5	32.5	32.6	32.6	32.6	32.6	32.7	32.7	32.7	32.7	32.7	32.7
≥ 2700	51.4	43.2	43.6	43.6	43.8	43.8	44.0	44.0	44.0	44.0	44.1	44.1	44.1	44.1	44.1	44.1
≥ 2400	32.9	44.8	45.2	45.2	45.5	45.5	45.6	45.6	45.6	45.6	45.8	45.8	45.8	45.8	45.8	45.8
≥ 1800	32.9	44.8	45.2	45.2	45.5	45.5	45.6	45.6	45.6	45.6	45.8	45.8	45.8	45.8	45.8	45.8
≥ 1400	33.7	45.1	45.5	45.5	45.8	45.8	45.9	45.9	45.9	45.9	46.0	46.0	46.0	46.0	46.0	46.0
≥ 1200	37.3	55.1	55.5	55.5	55.9	55.9	56.0	56.0	56.0	56.0	56.2	56.2	56.2	56.2	56.2	56.2
≥ 1000	41.1	59.3	59.7	59.7	60.1	60.1	60.3	60.3	60.3	60.3	60.4	60.4	60.4	60.4	60.4	60.4
≥ 900	43.7	62.2	62.6	62.6	63.0	63.0	63.2	63.2	63.2	63.2	63.3	63.3	63.3	63.3	63.3	63.3
≥ 800	44.5	63.2	63.7	63.7	64.1	64.2	64.4	64.4	64.4	64.4	64.5	64.5	64.5	64.5	64.5	64.5
≥ 700	44.5	63.2	63.7	63.7	64.1	64.2	64.4	64.4	64.4	64.4	64.5	64.5	64.5	64.5	64.5	64.5
≥ 600	44.5	63.2	63.7	63.7	64.1	64.2	64.4	64.4	64.4	64.4	64.5	64.5	64.5	64.5	64.5	64.5
≥ 500	44.7	71.2	71.8	71.8	72.2	72.3	72.5	72.5	72.5	72.5	72.6	72.6	72.6	72.6	72.6	72.6
≥ 400	45.2	71.9	72.5	72.5	72.9	73.0	73.2	73.2	73.2	73.2	73.3	73.3	73.3	73.3	73.3	73.3
≥ 300	50.7	83.7	84.2	84.4	84.8	84.9	85.1	85.1	85.1	85.1	85.2	85.2	85.2	85.2	85.2	85.2
≥ 2500	57.4	91.2	91.8	91.9	92.5	92.6	92.7	92.7	92.7	92.7	92.9	92.9	92.9	92.9	92.9	92.9
≥ 2000	60.4	94.9	95.6	95.8	96.3	96.4	96.6	96.6	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7
≥ 1800	60.8	96.0	96.7	97.1	97.7	97.8	97.9	97.9	97.9	97.9	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1600	61.5	96.7	97.5	98.1	98.6	98.8	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1400	61.5	96.7	97.5	98.1	98.6	98.8	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1200	61.5	96.7	97.8	98.4	99.0	99.2	99.3	99.3	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1000	61.5	96.7	97.8	98.4	99.0	99.2	99.3	99.3	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5
≥ 900	61.5	96.7	97.8	98.4	99.0	99.2	99.3	99.3	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5
≥ 800	61.5	96.7	97.8	98.4	99.0	99.2	99.3	99.3	99.3	99.3	99.5	99.6	99.6	99.6	99.6	99.6
≥ 700	61.5	97.0	98.1	98.6	99.3	99.5	99.6	99.6	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	61.5	97.0	98.1	98.6	99.3	99.5	99.6	99.6	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	61.5	97.0	98.1	98.6	99.3	99.5	99.6	99.6	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	61.5	97.0	98.1	98.6	99.3	99.5	99.6	99.6	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	61.5	97.0	98.1	98.6	99.3	99.5	99.6	99.6	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	61.5	97.0	98.1	98.6	99.3	99.5	99.6	99.6	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	61.5	97.0	98.1	98.6	99.3	99.5	99.6	99.6	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9
≥ 0	61.6	97.1	98.2	98.8	99.5	99.6	99.7	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 730

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

6 16 7

HELLENIKON AB GR

73-81

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2	≥ 1	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 1/32	≥ 1/64	≥ 1/128	≥ 1/256	≥ 1/512
NO CEILING	20.8	34.2	34.3	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.7	34.7	34.7	34.7	34.7	34.7
≥ 20000	26.6	43.2	43.4	43.6	43.7	43.7	43.7	43.7	43.7	43.7	44.0	44.0	44.0	44.0	44.0	44.0
≥ 18000	27.9	44.4	44.7	44.8	44.9	44.9	44.9	44.9	44.9	44.9	45.2	45.2	45.2	45.2	45.2	45.2
≥ 16000	27.9	44.4	44.7	44.8	44.9	44.9	44.9	44.9	44.9	44.9	45.2	45.2	45.2	45.2	45.2	45.2
≥ 14000	27.9	44.4	44.7	44.8	44.9	44.9	44.9	44.9	44.9	44.9	45.2	45.2	45.2	45.2	45.2	45.2
≥ 12000	29.8	51.6	52.7	52.2	52.3	52.3	52.3	52.3	52.3	52.3	52.6	52.7	52.7	52.7	52.7	52.7
≥ 10000	34.0	56.4	56.8	57.0	57.1	57.1	57.1	57.1	57.1	57.1	57.4	57.5	57.5	57.5	57.5	57.5
≥ 9000	36.3	59.3	59.8	60.0	60.1	60.1	60.1	60.1	60.1	60.1	60.4	60.5	60.5	60.5	60.5	60.5
≥ 8000	36.9	59.8	60.4	60.5	60.7	60.7	60.7	60.7	60.7	60.7	60.9	61.1	61.1	61.1	61.1	61.1
≥ 7000	36.9	59.8	60.4	60.5	60.7	60.7	60.7	60.7	60.7	60.7	60.9	61.1	61.1	61.1	61.1	61.1
≥ 6000	36.9	59.8	60.4	60.5	60.7	60.7	60.7	60.7	60.7	60.7	60.9	61.1	61.1	61.1	61.1	61.1
≥ 5000	36.9	72.5	73.1	73.2	73.4	73.4	73.4	73.4	73.4	73.4	73.6	73.8	73.8	73.8	73.8	73.8
≥ 4500	37.6	73.5	74.0	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.6	74.7	74.7	74.7	74.7	74.7
≥ 4000	42.6	84.0	84.8	85.0	85.2	85.2	85.2	85.2	85.2	85.2	85.5	85.7	85.7	85.7	85.7	85.7
≥ 3500	46.2	87.8	89.1	89.3	89.8	89.8	89.8	89.8	89.8	89.8	90.0	90.2	90.2	90.2	90.2	90.2
≥ 3000	50.0	92.1	93.7	94.1	94.7	94.8	94.8	94.8	94.8	94.8	95.1	95.2	95.2	95.2	95.2	95.2
≥ 2500	50.7	93.3	95.1	95.6	96.6	96.7	96.7	96.7	96.7	96.7	97.0	97.1	97.1	97.1	97.1	97.1
≥ 2000	50.8	93.4	95.5	96.0	97.0	97.3	97.3	97.3	97.3	97.3	97.5	97.7	97.7	97.7	97.7	97.7
≥ 1800	51.0	93.6	95.6	96.2	97.1	97.4	97.4	97.4	97.4	97.4	97.7	97.8	97.8	97.8	97.8	97.8
≥ 1500	51.0	93.6	95.6	96.2	97.1	97.4	97.4	97.4	97.4	97.4	97.7	97.8	97.8	97.8	97.8	97.8
≥ 1200	51.7	94.5	96.9	97.8	98.8	99.0	99.0	99.0	99.2	99.2	99.5	99.6	99.6	99.6	99.6	99.6
≥ 1000	51.0	94.5	96.9	97.8	98.8	99.0	99.0	99.0	99.2	99.2	99.5	99.6	99.6	99.6	99.6	99.6
≥ 900	51.0	94.5	96.9	97.8	98.8	99.0	99.0	99.0	99.2	99.2	99.5	99.6	99.6	99.6	99.6	99.6
≥ 800	51.0	94.5	96.9	97.8	98.8	99.0	99.0	99.0	99.2	99.2	99.5	99.6	99.6	99.6	99.6	99.6
≥ 700	51.0	94.8	97.3	98.2	99.2	99.5	99.5	99.5	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0
≥ 600	51.0	94.8	97.3	98.2	99.2	99.5	99.5	99.5	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0
≥ 500	51.0	94.8	97.3	98.2	99.2	99.5	99.5	99.5	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0
≥ 400	51.0	94.8	97.3	98.2	99.2	99.5	99.5	99.5	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0
≥ 300	51.0	94.8	97.3	98.2	99.2	99.5	99.5	99.5	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0
≥ 200	51.0	94.8	97.3	98.2	99.2	99.5	99.5	99.5	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0
≥ 100	51.0	94.8	97.3	98.2	99.2	99.5	99.5	99.5	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0
≥ 50	51.0	94.8	97.3	98.2	99.2	99.5	99.5	99.5	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0
≥ 30	51.0	94.8	97.3	98.2	99.2	99.5	99.5	99.5	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0
≥ 15	51.0	94.8	97.3	98.2	99.2	99.5	99.5	99.5	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0
≥ 10	51.0	94.8	97.3	98.2	99.2	99.5	99.5	99.5	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0
≥ 5	51.0	94.8	97.3	98.2	99.2	99.5	99.5	99.5	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0
≥ 3	51.0	94.8	97.3	98.2	99.2	99.5	99.5	99.5	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0
≥ 1	51.0	94.8	97.3	98.2	99.2	99.5	99.5	99.5	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 732

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

167167

HELLENIKON AB GR

73-81

MAR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0.025	≥0.01
NO CEILING ≥ 20000	12.6	32.7	34.6	35.3	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6
≥ 18000	14.9	38.1	39.7	40.4	40.8	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9
≥ 16000	15.5	38.7	40.4	41.0	41.4	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5
≥ 14000	15.5	38.7	40.4	41.0	41.4	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5
≥ 12000	15.9	44.6	46.7	47.3	47.7	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8
≥ 10000	19.5	48.7	50.8	51.4	51.8	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
≥ 9000	21.0	51.4	53.8	54.5	54.9	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
≥ 8000	21.4	52.3	54.7	55.4	55.8	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
≥ 7000	21.4	52.3	54.7	55.4	55.8	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
≥ 6000	21.4	52.3	54.7	55.4	55.8	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
≥ 5000	21.7	80.5	82.9	83.6	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 4500	21.8	80.6	83.1	83.7	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 4000	25.3	87.4	90.3	91.3	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 3500	27.7	90.0	92.9	94.0	94.7	94.9	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 3000	29.5	92.3	95.5	96.5	97.3	97.4	97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 2500	29.7	93.3	96.7	97.8	98.7	98.8	98.8	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 2000	29.7	93.5	96.8	97.9	98.8	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1800	29.7	93.5	96.8	97.9	98.8	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1500	29.7	93.5	96.8	97.9	98.8	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1200	29.7	93.8	97.4	98.7	99.6	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1000	29.7	93.8	97.4	98.7	99.6	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 900	29.7	93.8	97.4	98.7	99.6	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 800	29.7	93.8	97.4	98.7	99.6	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	29.7	93.8	97.4	98.7	99.6	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	29.7	93.8	97.4	98.7	99.6	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	29.7	93.8	97.4	98.7	99.6	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	29.7	93.8	97.4	98.7	99.6	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	29.7	93.8	97.4	98.7	99.6	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	29.7	93.8	97.4	98.7	99.6	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	29.7	93.8	97.4	98.7	99.6	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	29.7	93.8	97.4	98.7	99.6	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 780

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

16716 HELLNIKON AB GR

73-81

MAR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500

CEILING FEET	VISIBILITY - STATUTE MILES															
	20	26	24	24	23	22	22	21	21	20	20	19	19	18	18	17
NO CEILING	12.9	32.3	35.9	37.0	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2
≥ 20000	14.7	36.6	40.6	41.9	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2
≥ 18000	15.0	37.0	41.0	42.3	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6
≥ 16000	15.0	37.0	41.0	42.3	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6
≥ 14000	15.7	37.0	41.0	42.3	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6
≥ 12000	16.1	43.7	48.2	49.6	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
≥ 10000	19.8	48.1	52.6	54.0	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
≥ 9000	21.5	50.1	54.8	56.3	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
≥ 8000	22.0	50.8	55.4	57.2	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 7000	22.0	50.9	55.5	57.3	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
≥ 6000	22.0	50.9	55.5	57.3	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
≥ 5000	22.0	76.3	81.0	82.8	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 4500	22.1	76.5	81.1	82.9	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 4000	25.2	81.9	86.9	88.8	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 3500	27.1	83.9	89.1	91.0	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 3000	28.1	85.9	91.4	93.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 2500	28.4	87.0	92.8	95.2	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 2000	28.7	87.3	93.1	95.5	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1800	28.7	87.3	93.2	95.6	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 1500	28.8	87.4	93.3	95.8	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1200	28.9	87.9	94.1	96.5	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1000	28.9	87.9	94.1	96.5	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 900	28.9	87.9	94.1	96.5	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 800	28.9	87.9	94.1	96.5	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 700	28.9	88.3	94.6	97.0	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	28.9	88.3	94.6	97.0	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	28.9	88.3	94.6	97.0	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	28.9	88.3	94.6	97.0	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	28.9	88.3	94.6	97.0	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	28.9	88.3	94.6	97.0	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	28.9	88.3	94.6	97.0	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 0	28.9	88.3	94.6	97.0	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 778

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

16716

HELLENIKON AB GR

73-81

MAR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0600

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2	≥ 2	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1
NO CEILING	13.2	25.1	31.0	33.1	35.4	35.5	35.5	35.7	35.7	35.8	35.8	35.8	35.8	35.8	35.8	35.8
≥ 2000	17.4	34.3	41.5	43.8	46.1	46.2	46.2	46.3	46.3	46.4	46.4	46.4	46.4	46.4	46.4	46.4
≥ 1800	17.8	34.6	42.0	44.3	46.6	46.7	46.7	46.8	46.8	47.0	47.0	47.0	47.0	47.0	47.0	47.0
≥ 1600	17.8	34.6	42.0	44.3	46.6	46.7	46.7	46.8	46.8	47.0	47.0	47.0	47.0	47.0	47.0	47.0
≥ 1400	17.8	34.6	42.0	44.3	46.6	46.7	46.7	46.8	46.8	47.0	47.0	47.0	47.0	47.0	47.0	47.0
≥ 1200	19.0	41.0	49.4	51.8	54.3	54.4	54.4	54.6	54.6	54.7	54.7	54.7	54.7	54.7	54.8	54.8
≥ 1000	21.3	44.0	52.7	55.3	58.0	58.1	58.1	58.2	58.2	58.4	58.4	58.4	58.4	58.4	58.5	58.5
≥ 900	22.8	46.2	55.1	57.9	60.5	60.7	60.7	60.8	60.8	60.9	60.9	60.9	60.9	60.9	61.0	61.0
≥ 800	23.4	46.7	55.6	58.4	61.0	61.2	61.2	61.3	61.3	61.4	61.4	61.4	61.4	61.4	61.5	61.5
≥ 700	23.4	46.7	55.7	58.5	61.2	61.3	61.3	61.4	61.4	61.5	61.5	61.5	61.5	61.5	61.5	61.7
≥ 600	23.4	46.7	55.7	58.5	61.2	61.3	61.3	61.4	61.4	61.5	61.5	61.5	61.5	61.5	61.5	61.7
≥ 500	23.5	46.7	55.7	58.5	61.2	61.3	61.3	61.4	61.4	61.5	61.5	61.5	61.5	61.5	61.5	61.7
≥ 450	23.6	46.7	55.7	58.5	61.2	61.3	61.3	61.4	61.4	61.5	61.5	61.5	61.5	61.5	61.5	61.7
≥ 400	26.4	73.6	83.0	85.8	88.6	88.7	88.7	88.8	88.8	89.0	89.0	89.0	89.0	89.0	89.1	89.1
≥ 350	29.3	76.6	86.2	89.0	91.8	91.9	91.9	92.0	92.0	92.1	92.1	92.1	92.1	92.1	92.3	92.3
≥ 300	31.3	79.1	89.1	92.0	95.2	95.3	95.3	95.4	95.4	95.6	95.6	95.6	95.6	95.6	95.7	95.7
≥ 250	31.6	79.9	90.4	93.3	96.7	96.8	96.8	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.2	97.2
≥ 200	31.7	80.2	90.9	93.9	97.3	97.5	97.5	97.7	97.7	97.8	97.8	97.8	97.8	97.8	98.0	98.0
≥ 1800	31.7	80.2	90.9	93.9	97.5	97.6	97.6	97.8	97.8	98.0	98.0	98.0	98.0	98.0	98.1	98.1
≥ 1500	31.7	80.2	90.9	93.9	97.5	97.6	97.6	97.8	97.8	98.0	98.0	98.0	98.0	98.0	98.1	98.1
≥ 1200	31.9	80.8	91.9	95.2	98.9	99.0	99.0	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.5	99.5
≥ 1000	31.9	80.8	91.9	95.2	98.9	99.0	99.0	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.5	99.5
≥ 900	31.9	80.8	91.9	95.2	98.9	99.0	99.0	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.5	99.5
≥ 800	31.9	80.8	92.0	95.3	99.0	99.1	99.1	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.6	99.6
≥ 700	31.9	80.8	92.1	95.4	99.1	99.2	99.2	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.7	99.7
≥ 600	31.9	80.8	92.1	95.4	99.1	99.2	99.2	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.7	99.7
≥ 500	31.9	80.8	92.1	95.4	99.1	99.2	99.2	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.7	99.7
≥ 400	31.9	81.0	92.3	95.6	99.4	99.5	99.5	99.7	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 300	31.9	81.0	92.3	95.6	99.4	99.5	99.5	99.7	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 200	31.9	81.0	92.3	95.6	99.4	99.5	99.5	99.7	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 100	31.9	81.0	92.3	95.6	99.4	99.5	99.5	99.7	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 0	31.9	81.0	92.3	95.6	99.4	99.5	99.5	99.7	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 788

1
2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

16716
STATION

HELLENIKON AB GR

73-81

MAP

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥9	≥8	≥7	≥6	≥5	≥4	≥3	≥2	≥1	≥0.5	≥0.25	≥0.1	≥0.05	≥0.025	≥0.01
NO CEILING	16.2	32.2	37.6	39.6	41.3	41.3	41.3	41.4	41.7	41.7	41.7	41.7	41.8	41.8	41.8	41.8
≥ 20000	21.2	42.2	49.5	52.4	54.3	54.3	54.3	54.5	54.8	54.8	54.8	54.8	54.9	54.9	54.9	54.9
≥ 18000	21.6	43.1	50.6	53.8	55.8	55.8	55.8	56.1	56.3	56.3	56.3	56.3	56.4	56.4	56.4	56.4
≥ 16000	21.6	43.3	50.9	54.0	56.1	56.1	56.1	56.3	56.6	56.6	56.6	56.6	56.7	56.7	56.7	56.7
≥ 14000	21.7	43.4	51.1	54.4	56.6	56.6	56.6	56.8	57.1	57.1	57.1	57.1	57.2	57.2	57.2	57.2
≥ 12000	23.5	49.1	57.4	61.2	63.9	63.9	63.9	64.1	64.4	64.4	64.4	64.4	64.5	64.5	64.5	64.5
≥ 10000	25.0	51.0	59.8	63.8	66.8	66.8	66.8	67.0	67.3	67.3	67.3	67.3	67.4	67.4	67.4	67.4
≥ 9000	26.1	52.5	61.4	65.3	68.6	68.6	68.6	68.8	69.1	69.1	69.1	69.1	69.2	69.2	69.2	69.2
≥ 8000	26.5	53.7	62.5	66.4	69.7	69.7	69.7	69.9	70.2	70.2	70.2	70.2	70.3	70.3	70.3	70.3
≥ 7000	26.5	53.7	62.5	66.4	69.7	69.7	69.7	69.9	70.2	70.2	70.2	70.2	70.3	70.3	70.3	70.3
≥ 6000	26.5	53.7	62.5	66.4	69.7	69.7	69.7	69.9	70.2	70.2	70.2	70.2	70.3	70.3	70.3	70.3
≥ 5000	26.8	67.3	76.3	80.2	83.5	83.5	83.5	83.7	84.0	84.0	84.0	84.0	84.1	84.1	84.1	84.1
≥ 4500	26.9	67.4	76.4	80.3	83.6	83.6	83.6	83.8	84.1	84.1	84.1	84.1	84.2	84.2	84.2	84.2
≥ 4000	29.2	73.4	82.4	86.5	89.9	90.0	90.0	90.3	90.5	90.5	90.5	90.5	90.7	90.7	90.7	90.7
≥ 3500	31.2	75.5	84.8	89.0	92.7	92.8	92.8	93.1	93.3	93.3	93.3	93.3	93.4	93.4	93.4	93.4
≥ 3000	33.0	77.5	87.1	91.4	95.3	95.5	95.5	96.0	96.2	96.2	96.2	96.2	96.3	96.3	96.3	96.3
≥ 2500	33.2	78.0	88.0	92.6	96.5	96.6	96.6	97.1	97.3	97.3	97.3	97.3	97.5	97.5	97.5	97.5
≥ 2000	33.3	78.3	88.3	93.1	97.1	97.3	97.3	97.9	98.1	98.1	98.1	98.1	98.2	98.2	98.2	98.2
≥ 1800	33.3	78.3	88.3	93.2	97.2	97.5	97.5	98.0	98.2	98.2	98.2	98.2	98.4	98.4	98.4	98.4
≥ 1500	33.3	78.3	88.4	93.3	97.3	97.6	97.6	98.1	98.4	98.4	98.4	98.4	98.5	98.5	98.5	98.5
≥ 1200	33.3	78.5	88.6	93.7	98.1	98.5	98.5	99.0	99.2	99.2	99.2	99.2	99.4	99.4	99.4	99.4
≥ 1000	33.3	78.5	88.6	93.8	98.2	98.6	98.6	99.1	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5
≥ 900	33.3	78.5	88.6	93.8	98.2	98.6	98.6	99.1	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5
≥ 800	33.3	78.5	88.6	93.9	98.4	98.7	98.7	99.2	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6
≥ 700	33.3	78.7	88.9	94.2	98.6	99.1	99.1	99.6	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 600	33.3	78.7	88.9	94.2	98.6	99.1	99.1	99.6	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 500	33.3	78.7	88.9	94.2	98.6	99.1	99.1	99.6	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 400	33.3	78.7	88.9	94.2	98.6	99.1	99.1	99.6	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 300	33.3	78.7	88.9	94.2	98.6	99.1	99.1	99.6	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 200	33.3	78.7	88.9	94.2	98.6	99.1	99.1	99.6	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 100	33.3	78.7	88.9	94.2	98.6	99.1	99.1	99.6	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 0	33.3	78.7	88.9	94.2	98.6	99.1	99.1	99.6	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 792

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

16/16 HELLENIKON AB GR

73-81

MAR

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

100-1400

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .75	≥ .5	≥ .25	≥ .1	≥ .05	≥ .01	≥ 0
NO CEILING	21.2	34.7	34.7	34.8	35.2	35.2	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3
≥ 20000	29.7	45.9	47.6	47.8	48.8	48.8	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9
≥ 18000	30.5	47.6	49.6	49.8	50.8	50.8	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9
≥ 16000	30.5	47.6	49.6	49.8	50.8	50.8	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9
≥ 14000	30.6	47.7	49.7	49.9	50.9	50.9	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
≥ 12000	33.0	56.2	58.7	58.9	60.2	60.2	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
≥ 10000	35.8	59.8	62.3	62.7	63.9	63.9	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥ 9000	36.8	61.4	64.2	64.5	65.8	65.8	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
≥ 8000	37.0	61.7	64.4	64.8	66.0	66.0	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
≥ 7000	37.1	61.8	64.5	64.9	66.2	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 6000	37.1	61.8	64.5	64.9	66.2	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 5000	37.8	76.4	79.2	79.5	80.8	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 4500	38.2	76.8	79.5	79.9	81.1	81.1	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 4000	42.8	85.9	89.1	89.5	90.8	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 3500	45.8	89.0	92.3	92.6	94.1	94.1	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 3000	47.4	91.1	94.6	95.1	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 2500	48.3	92.8	96.1	96.6	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 2000	48.4	92.9	96.4	96.9	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1800	48.4	92.9	96.4	96.9	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1500	48.4	92.9	96.4	96.9	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1200	48.4	92.9	96.6	97.1	99.1	99.1	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1000	48.4	92.9	96.6	97.1	99.1	99.1	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 900	48.4	92.9	96.6	97.1	99.1	99.1	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 800	48.4	92.9	96.6	97.1	99.1	99.1	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 700	48.4	93.0	96.8	97.4	99.4	99.4	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 600	48.4	93.0	96.8	97.4	99.4	99.4	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500	48.4	93.0	96.8	97.4	99.4	99.4	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	48.4	93.1	96.9	97.5	99.5	99.5	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	48.4	93.1	96.9	97.5	99.5	99.5	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	48.4	93.1	96.9	97.5	99.5	99.5	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	48.4	93.1	96.9	97.5	99.5	99.5	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	48.4	93.1	96.9	97.5	99.5	99.5	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 801

1
2

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

6/16/73

HELLENIKON AB GR

73-81

MAR

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1500-1700

CEILING FEET	VISIBILITY STATUTE MILES																
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0.025	≥0.015	≥0.01
NO CEILING	29.6	32.5	32.7	33.0	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2
≥ 20000	29.1	47.1	47.9	48.3	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5
≥ 18000	30.4	49.0	49.9	50.2	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
≥ 16000	30.4	49.1	50.0	50.4	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
≥ 14000	30.7	49.4	50.2	50.6	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9
≥ 12000	32.8	56.9	58.2	58.6	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
≥ 10000	35.9	60.5	62.1	62.5	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
≥ 9000	37.3	62.3	64.2	64.6	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
≥ 8000	38.3	63.6	65.5	65.8	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
≥ 7000	38.3	63.7	65.6	66.0	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 6000	38.3	63.7	65.6	66.0	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 5000	38.4	79.3	81.2	81.5	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 4500	39.0	79.9	81.8	82.2	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 4000	44.0	88.4	90.5	91.0	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 3500	48.0	92.9	95.0	95.5	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 3000	48.9	94.1	96.6	97.1	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 2500	49.4	95.1	97.8	98.3	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 2000	49.4	95.3	97.9	98.4	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1800	49.4	95.3	97.9	98.4	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1500	49.4	95.3	97.9	98.4	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1200	49.5	95.5	98.1	98.6	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1000	49.5	95.5	98.1	98.6	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 900	49.5	95.5	98.1	98.6	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 800	49.5	95.5	98.1	98.6	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 700	49.5	95.5	98.4	98.9	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 600	49.5	95.8	98.4	98.9	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500	49.5	95.8	98.4	98.9	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	49.5	95.8	98.4	98.9	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300	49.5	95.8	98.4	98.9	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 200	49.5	95.8	98.4	98.9	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 100	49.5	95.8	98.4	98.9	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 0	49.5	95.8	98.4	98.9	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 802

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

167167 HELLENIKON AB GR

73-81

MAR

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1800-2000

		VISIBILITY STATISTICS															
		20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95
2 10000	15.7	34.2	35.7	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0
2 9000	23.7	45.2	47.2	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6
2 8000	24.8	46.9	48.9	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3
2 7000	24.8	46.9	48.9	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3
2 6000	24.8	46.9	48.9	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3
2 5000	26.2	54.3	56.4	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.9	56.9	56.9	56.9	56.9	56.9
2 4000	29.0	57.8	60.2	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.7	60.7	60.7	60.7	60.7	60.7	60.7
2 3000	30.2	59.8	62.2	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.7	62.7	62.7	62.7	62.7	62.7	62.7
2 2000	30.8	61.3	63.8	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3
2 1000	30.8	61.3	63.8	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3
2 500	30.8	61.3	63.8	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3
2 400	30.8	61.3	63.8	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3
2 300	31.2	81.9	84.4	84.8	84.8	84.8	84.8	84.8	84.9	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.0
2 200	34.5	87.5	90.5	90.9	91.3	91.3	91.3	91.3	91.5	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6
2 1500	37.3	90.8	94.3	94.6	95.0	95.0	95.0	95.0	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4
2 1000	38.3	92.1	96.1	96.8	97.1	97.1	97.1	97.1	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6
2 750	39.0	93.1	97.3	97.9	98.4	98.5	98.6	98.6	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
2 700	39.1	93.3	97.4	98.0	98.5	98.6	98.6	98.8	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
2 650	39.1	93.3	97.4	98.0	98.5	98.6	98.6	98.8	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
2 600	39.1	93.3	97.4	98.0	98.5	98.6	98.6	98.8	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
2 550	39.1	93.3	97.4	98.0	98.5	98.6	98.6	98.8	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
2 500	39.1	93.3	97.4	98.0	98.5	98.6	98.6	98.8	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
2 450	39.1	93.3	97.4	98.0	98.5	98.6	98.6	98.8	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
2 400	39.1	93.3	97.4	98.0	98.5	98.6	98.6	98.8	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
2 350	39.1	93.3	97.4	98.0	98.5	98.6	98.6	98.8	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
2 300	39.1	93.3	97.4	98.0	98.5	98.6	98.6	98.8	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
2 250	39.1	93.3	97.4	98.0	98.5	98.6	98.6	98.8	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
2 200	39.1	93.3	97.4	98.0	98.5	98.6	98.6	98.8	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
2 150	39.1	93.3	97.4	98.0	98.5	98.6	98.6	98.8	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
2 100	39.1	93.3	97.4	98.0	98.5	98.6	98.6	98.8	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
2 50	39.1	93.3	97.4	98.0	98.5	98.6	98.6	98.8	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
2 0	39.1	93.3	97.4	98.0	98.5	98.6	98.6	98.8	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1

TOTAL NUMBER OF OBSERVATIONS 801

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

16.16 HELLENIKON AB GR

73-81

MAR

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

2100-2300

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
≥20000	16.1	35.7	36.3	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5
≥18000	21.4	42.3	43.7	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.4	43.4	43.4	43.4	43.4	43.4
≥16000	21.4	43.5	44.3	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.7	44.7	44.7	44.7	44.7	44.7
≥14000	21.6	43.7	44.4	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.8	44.8	44.8	44.8	44.8	44.8
≥12000	22.5	50.9	51.6	52.0	52.2	52.2	52.2	52.2	52.2	52.2	52.3	52.3	52.3	52.3	52.3	52.3
≥10000	25.1	54.3	55.1	55.5	55.6	55.6	55.6	55.6	55.6	55.6	55.7	55.7	55.7	55.7	55.7	55.7
≥8000	26.1	56.6	57.4	57.7	57.9	57.9	57.9	57.9	57.9	57.9	58.0	58.0	58.0	58.0	58.0	58.0
≥7000	26.6	57.4	58.1	58.5	58.6	58.6	58.6	58.6	58.6	58.6	58.8	58.8	58.8	58.8	58.8	58.8
≥6000	26.6	57.5	58.2	58.6	58.8	58.8	58.8	58.8	58.8	58.8	58.9	58.9	58.9	58.9	58.9	58.9
≥5000	26.6	57.5	58.2	58.6	58.8	58.8	58.8	58.8	58.8	58.8	58.9	58.9	58.9	58.9	58.9	58.9
≥4500	27.3	85.3	86.0	86.4	86.5	86.5	86.5	86.5	86.5	86.5	86.7	86.7	86.7	86.7	86.7	86.7
≥4000	29.3	90.1	91.0	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.8	91.8	91.8	91.8	91.8	91.8
≥3500	31.6	92.9	93.8	94.4	94.8	94.8	94.8	94.8	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9
≥3000	33.2	94.7	95.9	96.7	97.1	97.1	97.1	97.1	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2
≥2500	33.4	94.9	96.7	97.6	98.1	98.1	98.1	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2
≥2000	33.6	95.4	97.2	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.9	98.9	98.9	98.9	98.9	98.9
≥1800	33.6	95.6	97.3	98.2	98.9	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0
≥1600	33.6	95.6	97.3	98.2	98.9	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0
≥1400	33.6	96.3	98.2	99.1	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥1200	33.6	96.3	98.2	99.1	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥1000	33.6	96.3	98.2	99.1	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥900	33.6	96.3	98.2	99.1	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥800	33.6	96.3	98.2	99.1	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥700	33.6	96.3	98.2	99.1	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥600	33.6	96.3	98.2	99.1	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥500	33.6	96.3	98.2	99.1	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥400	33.6	96.3	98.2	99.1	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥300	33.6	96.3	98.2	99.1	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥200	33.6	96.3	98.2	99.1	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥100	33.6	96.3	98.2	99.1	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥50	33.6	96.3	98.2	99.1	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥0	33.6	96.3	98.2	99.1	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 788

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

16716 HELLENIKON AB GR

73-81

APR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200

CEILING FEET	VISIBILITY, STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .5	≥ .3	≥ .2	≥ .1	≥ .05	≥ .03	≥ .01
NO CEILING	9.7	30.3	30.8	31.0	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1
≥ 20000	11.8	34.7	35.3	35.4	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5
IN 18000	11.9	35.0	35.5	35.7	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8
IN 16000	12.1	35.1	35.7	35.8	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9
IN 14000	12.1	35.1	35.7	35.8	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9
IN 12000	12.9	43.4	44.5	44.6	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8
IN 10000	17.7	48.9	50.0	50.1	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
IN 9000	20.8	52.8	53.9	54.0	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
IN 8000	21.7	53.9	55.0	55.1	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
IN 7000	21.7	53.9	55.0	55.1	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
IN 6000	21.7	53.9	55.0	55.1	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
IN 5000	21.7	87.1	88.2	88.3	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
IN 4500	21.7	87.1	88.2	88.3	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
IN 4000	24.9	92.1	93.2	93.4	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
IN 3500	26.4	94.0	95.2	95.6	95.8	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
IN 3000	27.7	95.6	97.3	97.9	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IN 2500	28.0	95.8	97.9	98.4	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IN 2000	28.0	95.8	97.9	98.4	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IN 1800	28.0	95.8	97.9	98.4	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IN 1500	28.0	95.8	97.9	98.4	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IN 1200	28.0	96.0	98.0	98.5	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IN 1000	28.0	96.1	98.1	98.7	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IN 900	28.0	96.1	98.1	98.7	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IN 800	28.0	96.1	98.3	98.9	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IN 700	28.0	96.4	98.5	99.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IN 600	28.0	96.4	98.5	99.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IN 500	28.0	96.4	98.5	99.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IN 400	28.0	96.4	98.5	99.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IN 300	28.0	96.4	98.5	99.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IN 200	28.0	96.4	98.5	99.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IN 100	28.0	96.4	98.5	99.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IN 0	28.0	96.4	98.5	99.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 746

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

16716 HELLINIKON AB GR

73-81

APR

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0300-0500

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ 0.5	≥ 0.3	≥ 0.2	≥ 0.1	≥ 0.05	≥ 0.01	≥ 0.001
NO CEILING ≥ 20000	12.2	32.6	34.7	35.1	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3
≥ 18000	13.5	36.9	39.1	39.7	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8
≥ 16000	13.5	37.1	39.4	39.9	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1
≥ 14000	13.5	37.1	39.4	39.9	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1
≥ 12000	14.9	44.0	46.6	47.3	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5
≥ 10000	19.0	48.5	51.2	51.9	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
≥ 9000	22.9	52.9	55.9	56.6	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
≥ 8000	24.4	54.6	57.6	58.3	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
≥ 7000	24.4	54.6	57.6	58.3	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
≥ 6000	24.7	54.8	57.9	58.6	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 5000	24.7	86.5	89.5	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 4500	24.7	86.5	89.5	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 4000	27.1	91.2	94.4	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 3500	28.3	92.8	95.8	96.8	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 3000	29.5	93.8	97.5	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 2500	29.5	93.8	97.5	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 2000	29.5	94.0	97.6	98.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1800	29.5	94.0	97.6	98.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1500	29.5	94.0	97.6	98.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1200	29.5	94.1	98.0	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1000	29.5	94.1	98.0	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 900	29.5	94.1	98.0	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 800	29.5	94.4	98.3	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 700	29.5	94.6	98.7	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	29.5	94.6	98.7	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	29.5	94.6	98.7	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	29.5	94.6	98.7	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	29.5	94.6	98.7	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	29.5	94.6	98.7	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	29.5	94.6	98.7	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	29.5	94.6	98.7	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 746

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

16716

HELLENIKON AB GR

73-81

APR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0600

CEILING FEET	VISIBILITY STATUTE MILES																
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.75	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0.025	≥0.01
NO CEILING	13.4	27.9	32.0	34.1	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.4	35.4
≥ 20000	17.3	34.7	40.6	43.0	44.4	44.5	44.5	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.8	44.8
≥ 18000	17.8	35.2	41.1	43.5	44.9	45.1	45.1	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.3	45.3
≥ 16000	17.8	35.2	41.1	43.5	44.9	45.1	45.1	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.3	45.3
≥ 14000	17.8	35.2	41.2	43.6	45.1	45.2	45.2	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.5	45.5
≥ 12000	19.2	41.6	48.4	51.3	53.1	53.2	53.2	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.5	53.5	53.5
≥ 10000	22.8	45.7	52.7	55.9	57.8	58.0	58.0	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.2	58.2	58.2
≥ 9000	26.2	49.9	57.0	60.3	62.5	62.6	62.6	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.8	62.8
≥ 8000	27.0	50.7	57.8	61.1	63.2	63.4	63.4	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.6	63.6
≥ 7000	27.0	50.9	58.0	61.3	63.4	63.5	63.5	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.8	63.8
≥ 6000	27.0	50.9	58.0	61.3	63.4	63.5	63.5	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.8	63.8
≥ 5000	27.3	76.7	83.8	87.1	89.2	89.3	89.3	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.6	89.6
≥ 4500	27.5	76.9	84.1	87.5	89.6	89.7	89.7	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	90.0	90.0
≥ 4000	29.2	80.6	88.1	92.0	94.1	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.5	94.5
≥ 3500	30.6	82.1	89.7	93.8	96.0	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.4	96.4
≥ 3000	31.1	82.7	90.4	94.5	96.8	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.2	97.2
≥ 2500	31.2	83.5	91.2	95.3	97.8	98.0	98.0	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.4	98.4
≥ 2000	31.2	83.5	91.2	95.3	97.8	98.0	98.0	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.4	98.4
≥ 1800	31.2	83.5	91.2	95.3	97.8	98.0	98.0	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.4	98.4
≥ 1500	31.2	83.5	91.2	95.3	97.8	98.0	98.0	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.4	98.4
≥ 1200	31.2	83.8	91.6	95.7	98.2	98.4	98.4	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.8	98.8
≥ 1000	31.2	83.8	91.8	96.2	98.7	98.9	98.9	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.3	99.3
≥ 900	31.2	83.8	91.8	96.2	98.7	98.9	98.9	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.3	99.3
≥ 800	31.2	83.9	92.0	96.3	98.8	99.1	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.5	99.5
≥ 700	31.2	84.1	92.2	96.6	99.2	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.9	99.9
≥ 600	31.2	84.1	92.2	96.6	99.2	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.9	99.9
≥ 500	31.2	84.1	92.2	96.6	99.2	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.9	99.9
≥ 400	31.2	84.2	92.4	96.7	99.3	99.6	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 300	31.2	84.2	92.4	96.7	99.3	99.6	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 200	31.2	84.2	92.4	96.7	99.3	99.6	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 100	31.2	84.2	92.4	96.7	99.3	99.6	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 50	31.2	84.2	92.4	96.7	99.3	99.6	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 759

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIP WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

167167
STATION

HELLENIKON AB GR
STATION NAME

73-81
YEAR

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
TIME PERIOD

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12
NO. CEILING ≥ 20000	20.7	36.0	39.0	40.2	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3
W 18000	24.9	45.0	49.1	50.5	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1
W 16000	25.7	46.2	50.4	52.0	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
W 14000	26.0	46.5	50.8	52.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
W 12000	28.6	53.0	58.0	60.2	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
W 10000	31.4	55.9	61.5	63.9	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
W 9000	32.5	57.2	62.9	65.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
W 8000	33.2	58.0	63.6	67.1	70.2	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
W 7000	33.2	58.0	63.6	67.1	70.2	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
W 6000	33.2	58.0	63.6	67.1	70.2	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
W 5000	33.3	77.4	83.1	86.5	89.6	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
W 4500	33.6	78.0	83.6	87.0	90.2	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
W 4000	35.3	81.9	87.7	91.1	94.4	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
W 3500	36.9	83.9	89.6	93.0	96.3	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
W 3000	37.4	84.8	90.6	94.2	97.8	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
W 2500	37.5	85.2	90.9	94.6	98.3	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
W 2000	37.8	85.4	91.2	94.9	98.6	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
W 1800	37.8	85.4	91.2	94.9	98.6	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
W 1500	37.8	85.4	91.2	94.9	98.6	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
W 1200	37.8	85.4	91.2	94.9	98.6	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
W 1000	37.8	85.7	91.7	95.4	99.1	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
W 900	37.8	85.7	91.9	95.5	99.2	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
W 800	37.8	85.7	91.9	95.5	99.2	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
W 700	37.8	85.8	92.0	95.7	99.5	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
W 600	37.8	85.8	92.0	95.7	99.5	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
W 500	37.8	85.8	92.0	95.7	99.5	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
W 400	37.8	85.8	92.0	95.7	99.5	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
W 300	37.8	85.8	92.0	95.7	99.5	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
W 200	37.8	85.8	92.0	95.7	99.5	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
W 100	37.8	85.8	92.0	95.7	99.5	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
W 0	37.8	85.8	92.0	95.7	99.5	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 762

2

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

16716
STATIONHELLENIKON AB GR
STATION NAME73-81
YEARAPR
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)1200-1400
TIME

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥9	≥8	≥7	≥6	≥5	≥4	≥3	≥2	≥1	≥0.5	≥0.25	≥0.1	≥0.05	≥0.025	≥0.01
NO CEILING	28.8	44.1	45.1	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2
≥ 20000	36.1	54.6	55.7	55.8	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
≥ 18000	37.3	56.2	57.2	57.5	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
≥ 16000	37.3	56.2	57.2	57.5	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
≥ 14000	37.4	56.3	57.4	57.6	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
≥ 12000	39.8	63.1	64.8	65.4	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 10000	42.2	65.8	67.7	68.3	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥ 9000	44.1	68.1	69.9	70.5	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
≥ 8000	44.7	69.0	71.3	72.0	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥ 7000	44.7	69.0	71.3	72.0	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥ 6000	44.7	69.0	71.3	72.0	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥ 5000	45.0	83.6	85.9	86.6	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 4500	45.6	84.2	86.6	87.2	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 4000	48.6	90.7	93.2	93.9	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.7
≥ 3500	51.8	94.0	96.6	97.4	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.2
≥ 3000	52.3	94.8	97.5	98.3	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.1
≥ 2500	52.5	95.3	98.0	98.8	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6
≥ 2000	52.5	95.4	98.2	99.1	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.9
≥ 1800	52.5	95.4	98.3	99.2	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 1500	52.5	95.4	98.3	99.2	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 1200	52.5	95.4	98.3	99.2	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 1000	52.5	95.4	98.3	99.2	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 900	52.5	95.4	98.3	99.2	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 800	52.5	95.4	98.3	99.2	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 700	52.5	95.4	98.3	99.2	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 600	52.5	95.4	98.3	99.2	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 500	52.5	95.4	98.3	99.2	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 400	52.5	95.4	98.3	99.2	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 300	52.5	95.4	98.3	99.2	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 200	52.5	95.4	98.3	99.2	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 100	52.5	95.4	98.3	99.2	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 0	52.5	95.4	98.3	99.2	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 767

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

16716 HELLENIKON AB GR

73-81

APR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .5	≥ .3	≥ .2	≥ .1	≥ .05	≥ .03	≥ .01
NO. CEILING ≥ 20000	28.7	41.9	42.6	42.6	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.1	43.1	43.1
≥ 18000	34.2	50.7	51.4	51.5	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	52.0	52.0	52.0
≥ 16000	35.3	52.0	52.7	52.8	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.4	53.4	53.4
≥ 14000	35.3	52.0	52.7	52.8	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.4	53.4	53.4
≥ 12000	35.3	52.0	52.7	52.8	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.4	53.4	53.4
≥ 10000	38.4	60.6	61.4	61.9	62.5	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.8	62.8	62.8
≥ 9000	42.2	64.9	65.7	66.2	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.1	67.1	67.1
≥ 8000	44.4	67.4	68.2	68.9	69.6	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.9	69.9	69.9
≥ 7000	45.5	68.9	69.6	70.4	71.2	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.5	71.5	71.5
≥ 6000	45.5	68.9	69.6	70.4	71.2	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.5	71.5	71.5
≥ 5000	45.6	69.0	69.8	70.6	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.6	71.6	71.6
≥ 4500	45.7	83.4	84.2	85.0	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	86.1	86.1	86.1
≥ 4000	46.4	84.1	84.9	85.7	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.7	86.7	86.7
≥ 3500	50.3	90.4	91.5	92.2	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.4	93.4	93.4
≥ 3000	53.7	93.3	94.6	95.7	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.8	96.8	96.8
≥ 2500	53.7	94.1	95.4	96.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.8	97.8	97.8
≥ 2000	54.0	95.3	96.8	98.0	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6
≥ 1800	54.0	95.3	96.8	98.0	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6
≥ 1500	54.0	95.3	96.8	98.0	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6
≥ 1200	54.0	95.3	97.0	98.3	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.9	99.9	99.9
≥ 1000	54.0	95.3	97.0	98.3	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.9	99.9	99.9
≥ 900	54.0	95.3	97.0	98.3	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.9	99.9	99.9
≥ 800	54.0	95.3	97.0	98.3	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.9	99.9	99.9
≥ 700	54.0	95.3	97.0	98.3	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.9	99.9	99.9
≥ 600	54.0	95.3	97.0	98.3	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.9	99.9	99.9
≥ 500	54.0	95.3	97.0	98.3	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.9	99.9	99.9
≥ 400	54.0	95.4	97.1	98.4	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 300	54.0	95.4	97.1	98.4	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 200	54.0	95.4	97.1	98.4	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 100	54.0	95.4	97.1	98.4	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 0	54.0	95.4	97.1	98.4	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 761

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

16 167 HELLINIKON AB GR
STATION STATION NAME

73-81

APR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000

CEILING FEET	VISIBILITY STATUTE MILES															
	210	20	25	24	23	22	21	20	19	18	17	16	15	14	13	12
NO CEILING ≥ 20000	22.7	37.1	38.0	38.8	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1
≥ 18000	26.1	43.9	44.8	45.6	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9
≥ 16000	26.8	44.7	45.6	46.4	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7
≥ 14000	26.9	44.8	45.8	46.5	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8
≥ 12000	29.0	53.1	54.0	55.0	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
≥ 10000	32.9	57.6	58.7	60.0	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
≥ 9000	35.2	60.0	61.2	62.5	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
≥ 8000	36.9	62.1	63.3	64.6	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
≥ 7000	37.0	62.2	63.4	64.7	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
≥ 6000	37.0	62.2	63.4	64.7	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
≥ 5000	37.0	83.1	84.3	85.6	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 4500	37.3	83.4	84.6	85.9	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 4000	41.4	90.2	91.9	93.3	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 3500	43.1	92.0	93.9	95.4	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 3000	44.1	93.6	95.7	97.4	98.0	98.0	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 2500	44.3	94.8	97.0	98.7	99.3	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 2000	44.3	94.8	97.0	98.7	99.3	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1800	44.3	94.8	97.0	98.7	99.3	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1500	44.3	94.8	97.0	98.7	99.3	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1200	44.3	95.0	97.3	99.1	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	44.3	95.0	97.3	99.1	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	44.3	95.0	97.3	99.1	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	44.3	95.0	97.3	99.1	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	44.3	95.0	97.3	99.1	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	44.3	95.0	97.3	99.1	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	44.3	95.0	97.3	99.1	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	44.3	95.0	97.3	99.1	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	44.3	95.0	97.3	99.1	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	44.3	95.0	97.3	99.1	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	44.3	95.0	97.3	99.1	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	44.3	95.0	97.3	99.1	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 745

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

167167

HELLENIKON AB GR

73-81

APR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300

CEILING FEET	VISIBILITY, STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .5	≥ .3	≥ .2	≥ .1	≥ .05	≥ .03	≥ .01
NO CEILING	13.7	33.7	34.7	34.9	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1
≥ 20000	16.8	38.5	39.5	39.7	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9
IV 18000	17.0	38.9	39.9	40.1	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3
IV 16000	17.0	38.9	39.9	40.1	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3
IV 14000	17.0	38.9	39.9	40.1	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3
IV 12000	18.4	46.0	47.1	47.5	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
IV 10000	23.3	51.7	52.8	53.2	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
IV 9000	25.5	54.2	55.3	55.7	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
IV 8000	26.0	54.9	56.1	56.5	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
IV 7000	26.1	55.0	56.2	56.6	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
IV 6000	26.1	55.0	56.2	56.6	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
IV 5000	26.1	55.0	56.2	56.6	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
IV 4500	26.4	85.5	86.5	86.9	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
IV 4000	30.1	91.4	92.7	93.4	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
IV 3500	32.4	93.8	95.4	96.0	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
IV 3000	34.1	95.9	97.5	98.4	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 2500	34.1	96.3	97.9	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 2000	34.1	96.3	97.9	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 1800	34.1	96.3	97.9	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 1500	34.1	96.3	97.9	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 1200	34.1	96.8	98.4	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 1000	34.1	96.8	98.4	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 900	34.1	96.8	98.4	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 800	34.1	96.8	98.4	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 700	34.1	96.8	98.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 600	34.1	96.8	98.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 500	34.1	96.8	98.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	34.1	96.8	98.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	34.1	96.8	98.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	34.1	96.8	98.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	34.1	96.8	98.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	34.1	96.8	98.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 758

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

16716
STATION

HELLENIKON AB GR
STATION NAME

73-81
YEAR

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
PERIOD

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.1	≥0.05	≥0.025	≥0.01	≥0.005
NO CEILING	18.6	35.4	37.2	37.8	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.3	38.3
≥ 20000	22.7	42.4	44.5	45.2	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
≥ 18000	23.3	43.2	45.3	46.0	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7
≥ 16000	23.3	43.2	45.3	46.1	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7
≥ 14000	23.3	43.3	45.4	46.2	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8
≥ 12000	25.2	50.7	53.2	54.2	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.1	55.1	55.1	55.1
≥ 10000	29.0	55.0	57.6	58.7	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.7	59.7	59.7	59.7
≥ 9000	31.5	57.9	60.6	61.8	62.7	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
≥ 8000	32.5	59.0	61.8	63.2	64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
≥ 7000	32.5	59.1	61.9	63.2	64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.3	64.3	64.3	64.3
≥ 6000	32.6	59.1	61.9	63.3	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
≥ 5000	32.7	62.9	65.7	67.0	67.9	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.1	68.1
≥ 4500	33.0	83.2	86.0	87.4	88.3	88.3	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 4000	35.9	88.5	91.6	93.1	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.2	94.2	94.2	94.2
≥ 3500	37.9	90.7	93.8	95.5	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.7	96.7
≥ 3000	38.8	91.9	95.2	96.9	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.3	98.3	98.3	98.3
≥ 2500	39.0	92.5	95.9	97.6	98.8	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 2000	39.0	92.6	96.0	97.7	98.9	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1800	39.0	92.6	96.0	97.7	99.0	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1500	39.0	92.6	96.0	97.7	99.0	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1200	39.0	92.7	96.3	98.0	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6
≥ 1000	39.0	92.8	96.3	98.1	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7
≥ 900	39.0	92.8	96.3	98.2	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7
≥ 800	39.0	92.8	96.4	98.2	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8
≥ 700	39.0	92.9	96.6	98.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 600	39.0	92.9	96.6	98.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 500	39.0	92.9	96.6	98.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 400	39.0	93.0	96.6	98.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 300	39.0	93.0	96.6	98.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 200	39.0	93.0	96.6	98.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 100	39.0	93.0	96.6	98.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 0	39.0	93.0	96.6	98.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 6060

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

167160

HELLENIKON AB GR

73-81

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	9.6	35.2	35.3	35.3	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6
≥ 20000	10.5	38.4	38.5	38.5	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8
IV 18000	10.5	38.4	38.5	38.5	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8
IV 16000	10.5	38.4	38.5	38.5	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8
IV 14000	10.5	38.4	38.5	38.5	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8
IV 12000	10.6	41.0	41.3	41.3	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7
IV 10000	13.8	44.8	44.8	44.8	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2
IV 9000	15.0	46.3	46.5	46.5	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9
IV 8000	15.6	47.0	47.3	47.3	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
IV 7000	15.8	47.2	47.4	47.4	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8
IV 6000	15.8	47.2	47.4	47.4	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8
IV 5000	15.8	95.0	95.3	95.3	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
IV 4500	15.8	95.0	95.3	95.3	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
IV 4000	16.8	97.0	97.4	97.4	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
IV 3500	17.5	97.9	98.4	98.4	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 3000	17.9	98.3	98.8	98.8	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 2500	17.9	98.6	99.1	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 2000	18.0	98.7	99.2	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 1800	18.0	98.7	99.2	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 1500	18.0	98.7	99.2	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 1200	18.0	98.8	99.3	99.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 1000	18.0	98.8	99.3	99.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 900	18.0	98.8	99.3	99.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 800	18.0	98.8	99.3	99.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 700	18.0	98.9	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 600	18.0	98.9	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 500	18.0	98.9	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	18.0	98.9	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	18.0	98.9	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	18.0	98.9	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	18.0	98.9	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	18.0	98.9	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 761

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

15 16 17
STATION

HELLENIKON AB GR

STATION NAME

73-81

YEAR

MAY

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .5	≥ .3	≥ .25	≥ .2	≥ .15	≥ .1	≥ .05
NO CEILING	9.1	31.7	32.9	32.9	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6
≥ 20000	10.7	36.7	38.3	38.3	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0
≥ 18000	10.8	36.9	38.5	38.5	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3
≥ 16000	10.8	36.9	38.5	38.5	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3
≥ 14000	10.8	36.9	38.5	38.5	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3
≥ 12000	11.4	42.3	44.3	44.4	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2
≥ 10000	14.9	46.0	48.2	48.6	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3
≥ 9000	16.4	48.0	50.4	50.8	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
≥ 8000	16.7	48.3	50.8	51.2	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
≥ 7000	16.7	48.3	50.8	51.2	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
≥ 6000	16.7	48.3	50.8	51.2	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
≥ 5000	16.7	93.0	95.4	95.8	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 4500	16.7	93.0	95.4	95.8	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 4000	17.4	94.8	97.3	97.7	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 3500	18.1	95.6	98.1	98.4	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 3000	18.5	96.0	98.6	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 2500	18.7	96.1	98.7	99.1	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	18.7	96.1	98.7	99.1	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	18.7	96.1	98.7	99.1	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1600	18.7	96.1	98.7	99.1	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1400	18.7	96.1	98.7	99.1	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	18.7	96.1	98.7	99.1	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	18.7	96.1	98.7	99.1	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	18.7	96.1	98.7	99.1	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	18.7	96.1	98.7	99.1	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	18.7	96.1	98.7	99.1	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	18.7	96.1	98.7	99.1	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	18.7	96.1	98.7	99.1	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	18.7	96.1	98.7	99.1	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	18.7	96.1	98.7	99.1	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	18.7	96.1	98.7	99.1	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	18.7	96.1	98.7	99.1	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	18.7	96.1	98.7	99.1	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 766

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

167160 HELLENIXON AB GR

73-81

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .75	≥ .5	≥ .25	≥ .1	≥ .05	≥ .01	≥ .001
NO CEILING	11.5	30.7	39.7	42.9	44.4	44.6	44.7	44.8	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9
≥ 20000	14.1	35.6	45.2	49.0	51.0	51.2	51.5	51.6	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
≥ 18000	14.3	36.0	45.8	49.8	51.7	52.0	52.2	52.4	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
≥ 16000	14.3	36.0	45.8	49.8	51.7	52.0	52.2	52.4	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
≥ 14000	14.6	36.2	46.1	50.1	52.0	52.2	52.5	52.6	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8
≥ 12000	14.9	39.7	49.9	54.4	56.7	57.0	57.2	57.6	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
≥ 10000	17.3	43.0	53.4	58.3	60.8	61.1	61.3	61.7	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
≥ 9000	19.1	45.3	55.8	60.8	63.4	63.6	63.9	64.3	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
≥ 8000	19.7	46.1	56.6	61.6	64.1	64.4	64.7	65.0	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 7000	19.7	46.1	56.6	61.6	64.1	64.4	64.7	65.0	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 6000	19.7	46.1	56.6	61.6	64.1	64.4	64.7	65.0	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 5000	19.7	76.7	87.2	92.2	94.8	95.0	95.3	95.6	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 4500	19.7	76.8	87.3	92.3	94.9	95.1	95.4	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 4000	20.9	79.0	89.5	94.5	97.1	97.3	97.6	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 3500	21.4	79.5	90.0	95.0	97.7	98.0	98.2	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 3000	21.8	80.0	90.7	95.6	98.3	98.6	98.8	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 2500	21.8	80.3	90.9	96.0	98.7	99.0	99.2	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 2000	21.8	80.3	91.0	96.2	98.8	99.1	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1800	21.8	80.3	91.0	96.2	98.8	99.1	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1500	21.8	80.3	91.0	96.2	98.8	99.1	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1200	21.8	80.3	91.0	96.3	99.0	99.2	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	21.8	80.3	91.0	96.3	99.0	99.2	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	21.8	80.3	91.0	96.3	99.0	99.2	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	21.8	80.3	91.0	96.3	99.0	99.2	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	21.8	80.3	91.0	96.3	99.0	99.2	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	21.8	80.3	91.0	96.3	99.0	99.2	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	21.8	80.3	91.0	96.3	99.0	99.2	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	21.8	80.3	91.0	96.3	99.0	99.2	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	21.8	80.3	91.0	96.3	99.0	99.2	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	21.8	80.3	91.0	96.3	99.0	99.2	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	21.8	80.3	91.0	96.3	99.0	99.2	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	21.8	80.3	91.0	96.3	99.0	99.2	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 781

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

167160 HELLENIKON AB GR

73-81

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS:

3900-1100

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2	≥ 1	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 1/32	≥ 1/64	≥ 1/128	≥ 1/256	≥ 1/512
NO CEILING	25.7	46.3	48.7	49.6	50.1	50.2	50.2	50.4	50.4	50.4	50.4	50.4	50.6	50.6	50.6	50.6
≥ 20000	28.0	52.0	55.0	56.3	57.4	57.6	57.6	57.8	57.8	57.8	57.8	57.8	57.9	57.9	57.9	57.9
≥ 18000	28.3	52.4	55.7	56.9	58.2	58.3	58.3	58.6	58.6	58.6	58.6	58.7	58.7	58.7	58.7	58.7
≥ 16000	28.3	52.4	55.8	57.1	58.3	58.4	58.4	58.7	58.7	58.7	58.7	58.8	58.8	58.8	58.8	58.8
≥ 14000	28.3	52.5	55.9	57.2	58.4	58.6	58.6	58.8	58.8	58.8	58.8	59.0	59.0	59.0	59.0	59.0
≥ 12000	29.1	56.3	59.8	61.4	62.6	62.8	62.8	63.0	63.0	63.0	63.0	63.2	63.2	63.2	63.2	63.2
≥ 10000	31.5	59.1	62.6	64.2	65.7	65.8	65.8	66.1	66.1	66.1	66.1	66.2	66.2	66.2	66.2	66.2
≥ 9000	32.5	60.4	64.0	65.7	67.6	67.7	67.7	68.1	68.1	68.1	68.1	68.2	68.2	68.2	68.2	68.2
≥ 8000	32.9	60.9	64.7	66.3	68.2	68.4	68.4	68.7	68.7	68.7	68.7	68.9	68.9	68.9	68.9	68.9
≥ 7000	33.0	61.0	64.8	66.5	68.4	68.5	68.5	68.9	68.9	68.9	68.9	69.0	69.0	69.0	69.0	69.0
≥ 6000	33.0	61.0	64.8	66.5	68.4	68.5	68.5	68.9	68.9	68.9	68.9	69.0	69.0	69.0	69.0	69.0
≥ 5000	33.1	88.3	92.1	93.8	95.7	95.8	95.8	96.2	96.2	96.2	96.2	96.3	96.3	96.3	96.3	96.3
≥ 4500	33.2	88.4	92.2	93.9	95.8	95.9	95.9	96.3	96.3	96.3	96.3	96.4	96.4	96.4	96.4	96.4
≥ 4000	34.1	89.7	93.8	95.4	97.3	97.5	97.5	97.8	97.8	97.8	97.8	98.0	98.0	98.0	98.0	98.0
≥ 3500	34.4	90.2	94.4	96.1	98.0	98.1	98.1	98.5	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.6
≥ 3000	34.6	90.3	94.5	96.2	98.1	98.2	98.2	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7
≥ 2500	34.6	90.7	95.0	96.7	98.6	98.7	98.7	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2
≥ 2000	34.9	91.1	95.4	97.2	99.1	99.2	99.2	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7
≥ 1800	34.9	91.1	95.4	97.2	99.1	99.2	99.2	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7
≥ 1500	34.9	91.1	95.4	97.2	99.1	99.2	99.2	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7
≥ 1200	34.9	91.1	95.7	97.5	99.4	99.5	99.5	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 1000	34.9	91.1	95.7	97.5	99.4	99.5	99.5	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 900	34.9	91.1	95.7	97.5	99.4	99.5	99.5	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 800	34.9	91.1	95.7	97.5	99.4	99.5	99.5	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 700	34.9	91.1	95.7	97.5	99.4	99.5	99.5	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 600	34.9	91.1	95.7	97.5	99.4	99.5	99.5	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 500	34.9	91.1	95.7	97.5	99.4	99.5	99.5	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 400	34.9	91.1	95.7	97.5	99.4	99.5	99.5	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 300	34.9	91.1	95.7	97.5	99.4	99.5	99.5	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 200	34.9	91.1	95.7	97.5	99.4	99.5	99.5	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 100	34.9	91.1	95.7	97.5	99.4	99.5	99.5	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 0	34.9	91.1	95.7	97.5	99.4	99.5	99.5	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 787

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

16-16 HELLENIKON AB GR

73-81

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1200-1400

CEILING FEET	200	26	28	24	22	20	18	16	14	12	10	8	6	4	2	0
NO. REPORTED	37.6	54.5	54.7	54.8	54.8	54.8	54.8	54.8	54.8	54.8	55.0	55.1	55.1	55.1	55.1	55.1
≥ 27000	41.7	62.5	63.4	63.6	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.9	64.0	64.0	64.0	64.0
≥ 18000	42.3	63.3	64.2	64.4	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.7	64.8	64.8	64.8	64.8
≥ 16000	42.5	63.4	64.3	64.5	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.8	64.9	64.9	64.9	64.9
≥ 14000	42.5	63.4	64.3	64.5	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.8	64.9	64.9	64.9	64.9
≥ 12000	43.4	67.6	68.6	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.1	69.3	69.3	69.3	69.3
≥ 10000	46.8	71.2	72.3	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.8	73.0	73.0	73.0	73.0
≥ 9000	47.6	71.9	73.1	73.6	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.9	74.0	74.0	74.0	74.0
≥ 8000	48.3	72.8	74.0	74.7	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.1	75.3	75.3	75.3	75.3
≥ 7000	48.3	72.8	74.0	74.7	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.1	75.3	75.3	75.3	75.3
≥ 6000	48.3	72.8	74.0	74.7	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.1	75.3	75.3	75.3	75.3
≥ 5000	48.3	88.5	89.7	90.4	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.8	90.9	90.9	90.9	90.9
≥ 4500	48.5	88.6	89.8	90.6	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.9	91.1	91.1	91.1	91.1
≥ 4000	50.5	92.5	93.6	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.8	94.9	94.9	94.9	94.9
≥ 3500	51.4	93.5	94.6	95.4	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.8	95.9	95.9	95.9	95.9
≥ 3000	52.4	94.6	96.7	96.8	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.2	97.3	97.3	97.3	97.3
≥ 2500	53.2	96.7	98.1	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.4	99.5	99.5	99.5	99.5
≥ 2000	53.3	96.8	98.2	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.6	99.7	99.7	99.7
≥ 1800	53.3	96.8	98.2	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.6	99.7	99.7	99.7
≥ 1500	53.3	96.8	98.2	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.6	99.7	99.7	99.7
≥ 1000	53.3	96.9	98.5	99.4	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.9	100.0	100.0	100.0
≥ 800	53.3	96.9	98.5	99.4	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.9	100.0	100.0	100.0
≥ 600	53.3	96.9	98.5	99.4	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.9	100.0	100.0	100.0
≥ 400	53.3	96.9	98.5	99.4	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.9	100.0	100.0	100.0
≥ 300	53.3	96.9	98.5	99.4	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.9	100.0	100.0	100.0
≥ 200	53.3	96.9	98.5	99.4	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.9	100.0	100.0	100.0
≥ 100	53.3	96.9	98.5	99.4	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.9	100.0	100.0	100.0
≥ 50	53.3	96.9	98.5	99.4	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.9	100.0	100.0	100.0
≥ 20	53.3	96.9	98.5	99.4	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.9	100.0	100.0	100.0
≥ 10	53.3	96.9	98.5	99.4	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.9	100.0	100.0	100.0
≥ 5	53.3	96.9	98.5	99.4	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

784

USAF ETAC

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

16/16

HELLENIKON AB GR

73-81

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1500-1700

CEILING FEET	VISIBILITY STATUTE MILES															
	210	20	25	24	23	22	21	20	19	18	17	16	15	14	13	12
NO. CEILING	34.2	53.8	57.8	50.9	50.9	50.9	50.9	50.9	50.9	50.9	51.0	51.0	51.0	51.0	51.0	51.0
≥ 20000	47.4	60.8	67.9	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.4	61.4	61.4	61.4	61.4	61.4
≥ 18000	43.5	60.9	61.2	61.6	61.6	61.6	61.6	61.7	61.7	61.8	62.0	62.0	62.0	62.0	62.0	62.0
≥ 16000	40.5	60.9	61.2	61.7	61.7	61.7	61.7	61.8	61.8	62.0	62.1	62.1	62.1	62.1	62.1	62.1
≥ 14000	40.5	60.9	61.2	61.7	61.7	61.7	61.7	61.8	61.8	62.0	62.1	62.1	62.1	62.1	62.1	62.1
≥ 12000	41.3	64.7	65.2	65.9	66.1	66.1	66.1	66.2	66.2	66.3	66.5	66.5	66.5	66.5	66.5	66.5
≥ 10000	44.3	68.0	68.5	69.3	69.4	69.4	69.4	69.5	69.5	69.7	69.8	69.8	69.8	69.8	69.8	69.8
≥ 9000	45.4	69.7	70.2	71.0	71.1	71.1	71.1	71.2	71.2	71.3	71.5	71.5	71.5	71.5	71.5	71.5
≥ 8000	46.7	70.6	71.2	72.1	72.2	72.2	72.2	72.4	72.4	72.5	72.6	72.6	72.6	72.6	72.6	72.6
≥ 7000	46.7	70.6	71.2	72.1	72.2	72.2	72.2	72.4	72.4	72.5	72.6	72.6	72.6	72.6	72.6	72.6
≥ 6000	46.7	70.6	71.2	72.1	72.2	72.2	72.2	72.4	72.4	72.5	72.6	72.6	72.6	72.6	72.6	72.6
≥ 5000	46.3	87.0	87.7	88.6	88.7	88.7	88.7	88.8	88.8	88.9	89.1	89.1	89.1	89.1	89.1	89.1
≥ 4500	47.3	87.5	88.2	89.1	89.2	89.2	89.2	89.3	89.3	89.5	89.6	89.6	89.6	89.6	89.6	89.6
≥ 4000	50.0	91.0	91.8	92.7	92.8	92.8	92.8	92.9	92.9	93.1	93.2	93.2	93.2	93.2	93.2	93.2
≥ 3500	51.7	93.1	94.1	94.9	95.0	95.0	95.0	95.1	95.1	95.2	95.4	95.4	95.4	95.4	95.4	95.4
≥ 3000	53.3	94.9	95.9	96.9	97.2	97.2	97.2	97.3	97.3	97.4	97.6	97.6	97.6	97.6	97.6	97.6
≥ 2500	54.1	96.5	97.7	98.7	99.2	99.2	99.2	99.4	99.4	99.5	99.7	99.7	99.7	99.7	99.7	99.7
≥ 2000	54.1	96.5	97.7	98.7	99.2	99.2	99.2	99.4	99.4	99.5	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1800	54.1	96.5	97.7	98.7	99.2	99.2	99.2	99.4	99.4	99.5	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1500	54.1	96.5	97.7	98.7	99.2	99.2	99.2	99.4	99.4	99.5	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1200	54.1	96.7	97.8	98.8	99.5	99.5	99.5	99.6	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	54.1	96.7	97.8	98.8	99.5	99.5	99.5	99.6	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	54.1	96.7	97.8	98.8	99.5	99.5	99.5	99.6	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	54.1	96.7	97.8	98.8	99.5	99.5	99.5	99.6	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	54.1	96.7	97.8	98.8	99.5	99.5	99.5	99.6	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	54.1	96.7	97.8	98.8	99.5	99.5	99.5	99.6	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	54.1	96.7	97.8	98.8	99.5	99.5	99.5	99.6	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	54.1	96.7	97.8	98.8	99.5	99.5	99.5	99.6	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	54.1	96.7	97.8	98.8	99.5	99.5	99.5	99.6	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	54.1	96.7	97.8	98.8	99.5	99.5	99.5	99.6	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	54.1	96.7	97.8	98.8	99.5	99.5	99.5	99.6	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	54.1	96.7	97.8	98.8	99.5	99.5	99.5	99.6	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 778

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AI- WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

16/167 HELLENIKON AB GR

73-81

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1800-2000

CEILING FEET	VISIBILITY - STATUTE MILES															
	200	26	27	24	25	27	28	29	30	31	32	33	34	35	36	37
NO CEILING	24.7	41.0	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.2	41.2	41.2	41.2	41.2	41.2	41.2
2 20000	29.2	49.5	49.7	49.9	49.9	49.9	49.9	49.9	49.9	50.0	50.0	50.0	50.0	50.0	50.0	50.0
2 18000	30.0	50.5	50.9	51.0	51.0	51.0	51.0	51.0	51.0	51.2	51.2	51.2	51.2	51.2	51.2	51.2
2 16000	30.0	50.5	50.9	51.0	51.0	51.0	51.0	51.0	51.0	51.2	51.2	51.2	51.2	51.2	51.2	51.2
2 14000	30.7	50.5	50.9	51.0	51.0	51.0	51.0	51.0	51.0	51.2	51.2	51.2	51.2	51.2	51.2	51.2
2 12000	30.9	54.7	55.2	55.3	55.3	55.3	55.3	55.3	55.3	55.4	55.4	55.4	55.4	55.4	55.4	55.4
2 10000	33.7	57.6	58.3	58.5	58.5	58.5	58.5	58.5	58.5	58.7	58.7	58.7	58.7	58.7	58.7	58.7
2 8000	35.4	59.3	59.9	60.2	60.3	60.3	60.3	60.3	60.3	60.5	60.5	60.5	60.5	60.5	60.5	60.5
2 6000	37.0	61.2	61.9	62.1	62.3	62.3	62.3	62.3	62.3	62.4	62.4	62.4	62.4	62.4	62.4	62.4
2 5000	37.0	61.2	61.9	62.1	62.3	62.3	62.3	62.3	62.3	62.4	62.4	62.4	62.4	62.4	62.4	62.4
2 4500	37.7	61.2	61.9	62.1	62.3	62.3	62.3	62.3	62.3	62.4	62.4	62.4	62.4	62.4	62.4	62.4
2 4000	37.2	92.0	92.6	92.9	93.0	93.0	93.0	93.0	93.0	93.2	93.2	93.2	93.2	93.2	93.2	93.2
2 3500	37.3	92.1	92.8	93.0	93.2	93.2	93.2	93.2	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3
2 3000	39.1	95.1	95.9	96.3	96.5	96.5	96.5	96.5	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6
2 2500	40.4	96.5	97.4	97.8	98.1	98.1	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2
2 2000	41.2	97.4	98.3	98.7	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
2 1800	41.3	97.5	98.4	99.1	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
2 1600	41.3	97.5	98.6	99.2	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
2 1400	41.3	97.5	98.6	99.2	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
2 1200	41.3	97.5	98.6	99.2	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
2 1000	41.3	97.5	98.6	99.2	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
2 900	41.3	97.7	98.8	99.5	99.7	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
2 800	41.3	97.7	98.8	99.5	99.7	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
2 700	41.3	97.7	98.8	99.5	99.7	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
2 600	41.3	97.8	99.0	99.6	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2 500	41.3	97.8	99.0	99.6	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2 400	41.3	97.8	99.0	99.6	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2 300	41.3	97.8	99.0	99.6	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2 200	41.3	97.8	99.0	99.6	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2 100	41.3	97.8	99.0	99.6	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2 50	41.3	97.8	99.0	99.6	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 774

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

6-16

HELLENIKON AB GR

73-81

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300

CEILING FEET	VISIBILITY STATUTE MILES															
	20	26	24	24	20	22	20	21	21	2	2	2	2	25	24	20
N	12.8	36.2	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3
2 2000	14.4	40.1	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2
2 1800	14.5	40.2	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4
2 1600	14.5	40.2	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4
2 1400	14.5	40.2	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4
2 1200	15.2	44.2	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3
2 1000	18.5	48.1	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2
2 900	19.9	49.8	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
2 800	20.8	50.9	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
2 700	20.8	50.9	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
2 600	20.8	50.9	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
2 500	20.8	93.8	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
2 450	21.0	94.1	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
2 400	22.1	96.1	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
2 3500	23.5	97.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
2 3000	24.4	98.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
2 2500	24.4	98.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
2 2000	24.4	98.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
2 1800	24.4	98.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
2 1500	24.4	98.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
2 1200	24.4	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2 1000	24.4	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2 900	24.4	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2 800	24.4	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2 700	24.4	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2 600	24.4	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2 500	24.4	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2 400	24.4	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2 300	24.4	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2 200	24.4	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2 100	24.4	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2 00	24.4	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 763

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AI- WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

16016
STATION

HELLENIKON AB GR
STATION NAME

73-81
YEAR

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
PERIOD

CEILING FEET	VISIBILITY STATUTE MILES															
	20	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12
NO. CEILINGS ≤ 20000	20.7	40.8	42.5	43.1	43.4	43.5	43.5	43.5	43.5	43.6	43.6	43.6	43.6	43.6	43.6	43.6
18000	23.7	47.0	49.0	49.7	50.3	50.3	50.4	50.4	50.4	50.4	50.5	50.5	50.5	50.5	50.5	50.5
16000	24.7	47.4	49.5	50.2	50.8	50.8	50.9	50.9	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
14000	24.7	47.4	49.5	50.3	50.8	50.9	50.9	51.0	51.0	51.0	51.1	51.1	51.1	51.1	51.1	51.1
12000	24.7	47.5	49.6	50.3	50.9	50.9	51.0	51.0	51.0	51.1	51.1	51.1	51.1	51.1	51.1	51.1
10000	24.7	51.4	53.7	54.6	55.2	55.3	55.3	55.4	55.4	55.4	55.5	55.5	55.5	55.5	55.5	55.5
9000	27.7	54.8	57.1	58.2	58.8	58.9	58.9	59.0	59.0	59.1	59.1	59.1	59.1	59.1	59.1	59.1
8000	29.1	56.4	58.8	59.9	60.7	60.7	60.8	60.9	60.9	60.9	61.0	61.0	61.0	61.0	61.0	61.0
7000	29.8	57.3	59.8	60.9	61.7	61.7	61.8	61.9	61.9	61.9	62.0	62.0	62.0	62.0	62.0	62.0
6000	29.9	57.3	59.8	60.9	61.7	61.8	61.8	61.9	61.9	61.9	62.0	62.0	62.0	62.0	62.0	62.0
5000	29.9	57.3	59.8	60.9	61.7	61.8	61.8	61.9	61.9	62.0	62.0	62.0	62.0	62.0	62.0	62.0
4500	29.9	89.2	91.7	92.9	93.6	93.7	93.7	93.8	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9
4000	30.0	89.4	91.9	93.0	93.8	93.8	93.9	94.0	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1
3500	31.4	91.8	94.5	95.6	96.4	96.4	96.5	96.6	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7
3000	32.4	92.9	95.7	96.8	97.6	97.7	97.7	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9
2500	33.1	93.7	96.5	97.7	98.5	98.6	98.6	98.7	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9
2000	33.3	94.3	97.2	98.4	99.3	99.4	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
1800	33.4	94.4	97.3	98.6	99.4	99.5	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
1600	33.4	94.4	97.3	98.6	99.4	99.5	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
1500	33.4	94.4	97.3	98.6	99.4	99.5	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
1200	33.4	94.5	97.5	98.7	99.6	99.7	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
1000	33.4	94.5	97.5	98.7	99.6	99.7	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
900	33.4	94.5	97.5	98.7	99.6	99.7	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
800	33.4	94.5	97.5	98.7	99.6	99.7	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
700	33.4	94.5	97.5	98.8	99.6	99.7	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
600	33.4	94.5	97.5	98.8	99.6	99.7	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
500	33.4	94.5	97.5	98.8	99.6	99.7	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
400	33.4	94.5	97.5	98.8	99.6	99.7	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
300	33.4	94.5	97.5	98.8	99.6	99.7	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
200	33.4	94.5	97.5	98.8	99.6	99.7	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
100	33.4	94.5	97.5	98.8	99.6	99.7	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
0	33.4	94.5	97.5	98.8	99.6	99.7	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 6194

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

167167

HELLENIKON AB GR

73-81

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥9	≥8	≥7	≥6	≥5	≥4	≥3	≥2	≥1	≥0.5	≥0.25	≥0.1	≥0.05	≥0.025	≥0.01
NO CEILING	8.3	33.8	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0
≥ 20000	8.3	34.9	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0
≥ 18000	8.3	34.9	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0
≥ 16000	8.3	34.9	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0
≥ 14000	8.3	34.9	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0
≥ 12000	8.5	36.5	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8
≥ 10000	9.6	37.8	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1
≥ 9000	10.5	38.7	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0
≥ 8000	10.9	39.1	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4
≥ 7000	10.9	39.1	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4
≥ 6000	10.9	39.1	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4
≥ 5000	10.9	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 4500	10.9	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 4000	11.3	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 3500	11.3	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 3000	11.3	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 2500	11.3	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 2000	11.3	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1800	11.3	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1500	11.3	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1200	11.3	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	11.3	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	11.3	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	11.3	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	11.3	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	11.3	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	11.3	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	11.3	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	11.3	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	11.3	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	11.3	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	11.3	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 780

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

167167 HELLENIKON AB GR

73-81

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2	≥ 2	≥ 2	≥ 2	≥ 2	≥ 2	≥ 2	≥ 2	≥ 2	≥ 2	≥ 2
NO CEILING	7.7	31.4	33.9	34.1	34.2	34.2	34.2	34.2	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.5
≥ 20000	8.5	33.1	35.6	35.8	35.9	35.9	35.9	35.9	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.2
≥ 18000	8.5	33.1	35.6	35.8	35.9	35.9	35.9	35.9	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.2
≥ 16000	8.5	33.1	35.6	35.8	35.9	35.9	35.9	35.9	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.2
≥ 14000	8.5	33.1	35.6	35.8	35.9	35.9	35.9	35.9	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.2
≥ 12000	8.9	36.1	38.7	39.0	39.1	39.1	39.1	39.1	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.3
≥ 10000	9.9	37.3	39.9	40.1	40.3	40.3	40.3	40.3	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.5
≥ 9000	12.2	39.7	42.4	42.6	42.7	42.7	42.7	42.7	42.9	42.9	42.9	42.9	42.9	42.9	42.9	43.0
≥ 8000	12.9	40.5	43.1	43.4	43.5	43.5	43.5	43.5	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.8
≥ 7000	12.9	40.5	43.1	43.4	43.5	43.5	43.5	43.5	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.8
≥ 6000	12.9	40.5	43.1	43.4	43.5	43.5	43.5	43.5	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.8
≥ 5000	12.9	40.5	43.1	43.4	43.5	43.5	43.5	43.5	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.8
≥ 4500	12.9	40.5	43.1	43.4	43.5	43.5	43.5	43.5	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.8
≥ 4000	12.9	40.5	43.1	43.4	43.5	43.5	43.5	43.5	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.8
≥ 3500	13.3	96.3	99.0	99.2	99.3	99.3	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6
≥ 3000	13.3	96.3	99.0	99.2	99.3	99.3	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6
≥ 2500	13.3	96.3	99.0	99.2	99.3	99.3	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6
≥ 2000	13.3	96.3	99.0	99.2	99.3	99.3	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6
≥ 1800	13.3	96.3	99.0	99.2	99.3	99.3	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6
≥ 1500	13.3	96.3	99.0	99.2	99.3	99.3	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6
≥ 1200	13.3	96.3	99.0	99.2	99.3	99.3	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6
≥ 1000	13.3	96.3	99.0	99.2	99.3	99.3	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6
≥ 900	13.3	96.3	99.0	99.2	99.3	99.3	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6
≥ 800	13.3	96.3	99.0	99.2	99.3	99.3	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6
≥ 700	13.3	96.3	99.0	99.2	99.3	99.3	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6
≥ 600	13.3	96.3	99.0	99.2	99.3	99.3	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6
≥ 500	13.3	96.3	99.0	99.2	99.3	99.3	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6
≥ 400	13.3	96.3	99.0	99.2	99.3	99.3	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6
≥ 300	13.3	96.3	99.0	99.2	99.3	99.3	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6
≥ 200	13.3	96.3	99.0	99.2	99.3	99.3	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6
≥ 100	13.3	96.3	99.0	99.2	99.3	99.3	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6
≥ 0	13.3	96.3	99.0	99.2	99.3	99.3	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6

TOTAL NUMBER OF OBSERVATIONS 765

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AT- WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

167167

HELLENIXON AB GR

73-81

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .75	≥ .5	≥ .25	≥ .1	≥ .05	≥ .01	≥ 0
NO CEILING	11.6	36.2	43.7	44.6	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
≥ 20000	12.3	37.4	45.1	46.0	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2
≥ 18000	12.3	37.4	45.1	46.0	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2
≥ 16000	12.3	37.4	45.1	46.0	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2
≥ 14000	12.3	37.7	45.4	46.3	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4
≥ 12000	12.8	39.6	47.4	48.4	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6
≥ 10000	14.2	41.0	48.9	49.9	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
≥ 9000	15.3	42.2	50.4	51.5	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
≥ 8000	15.8	42.7	51.1	52.1	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
≥ 7000	16.1	43.0	51.3	52.3	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
≥ 6000	16.1	43.0	51.3	52.3	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
≥ 5000	16.1	43.0	51.3	52.3	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
≥ 4500	16.1	43.0	51.3	52.3	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
≥ 4000	16.7	48.2	56.7	57.7	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
≥ 3500	17.4	49.0	57.5	58.5	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
≥ 3000	17.6	49.1	57.6	58.6	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
≥ 2500	17.6	49.1	57.7	58.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	17.6	49.1	57.7	58.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	17.6	49.1	57.7	58.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	17.6	49.1	57.7	58.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	17.6	49.1	57.7	58.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	17.6	49.1	57.7	58.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	17.6	49.1	57.7	58.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	17.6	49.1	57.7	58.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	17.6	49.1	57.7	58.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	17.6	49.1	57.7	58.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	17.6	49.1	57.7	58.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	17.6	49.1	57.7	58.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	17.6	49.1	57.7	58.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	17.6	49.1	57.7	58.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	17.6	49.1	57.7	58.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	17.6	49.1	57.7	58.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 791

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIP WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

167167 HELLENIXON AB GR

73-81

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100

CEILING FEET	VISIBILITY STATUTE MILES															
	20	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12
NO. OF HRS.	25.4	47.6	48.7	49.3	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.6	49.7
29000	26.9	50.6	52.0	52.6	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.9	53.0
18000	26.9	50.6	52.0	52.6	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.9	53.0
16000	26.9	50.6	52.0	52.6	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.9	53.0
14000	26.9	50.6	52.0	52.6	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.9	53.0
12000	27.7	53.0	54.4	55.2	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.4	55.6
10000	28.4	53.8	55.3	56.1	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.5	56.6
9000	28.9	54.4	56.0	56.7	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.1	57.2
8000	28.9	54.4	56.0	56.7	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.1	57.2
7000	28.9	54.4	56.0	56.7	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.1	57.2
6000	28.9	54.4	56.0	56.7	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.1	57.2
5000	28.9	54.4	56.0	56.7	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.1	57.2
4500	29.1	54.6	56.2	56.9	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.3	57.4
4000	30.1	55.6	57.2	58.0	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.3	58.5
3500	30.7	56.4	58.0	58.7	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.1	59.2
3000	31.0	56.5	58.1	58.8	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.2	59.4
2500	31.0	57.2	58.7	59.5	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.9	99.9100.0
2000	31.0	57.2	58.7	59.5	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.9	99.9100.0
1800	31.0	57.2	58.7	59.5	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.9	99.9100.0
1500	31.0	57.2	58.7	59.5	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.9	99.9100.0
1200	31.0	57.2	58.7	59.5	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.9	99.9100.0
1000	31.0	57.2	58.7	59.5	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.9	99.9100.0
900	31.0	57.2	58.7	59.5	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.9	99.9100.0
800	31.0	57.2	58.7	59.5	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.9	99.9100.0
700	31.0	57.2	58.7	59.5	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.9	99.9100.0
600	31.0	57.2	58.7	59.5	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.9	99.9100.0
500	31.0	57.2	58.7	59.5	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.9	99.9100.0
400	31.0	57.2	58.7	59.5	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.9	99.9100.0
300	31.0	57.2	58.7	59.5	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.9	99.9100.0
200	31.0	57.2	58.7	59.5	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.9	99.9100.0
100	31.0	57.2	58.7	59.5	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.9	99.9100.0
0	31.0	57.2	58.7	59.5	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.9	99.9100.0

TOTAL NUMBER OF OBSERVATIONS 781

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

16-16 HELLENIKON AB GR

73-81

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥2	≥2	≥2	≥2	≥2	≥2	≥2	≥2	≥2
NO CEILING ≥ 20000	41.6	59.6	59.6	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
IV 18000	44.9	64.9	64.9	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
IV 16000	44.9	64.9	64.9	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
IV 14000	44.9	64.9	64.9	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
IV 12000	45.5	66.8	66.8	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
IV 10000	46.1	67.5	67.5	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
IV 9000	47.2	68.6	68.8	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
IV 8000	47.7	69.2	69.3	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
IV 7000	47.7	69.2	69.3	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
IV 6000	47.7	69.2	69.3	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
IV 5000	47.7	95.4	95.5	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
IV 4500	47.8	95.5	95.6	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
IV 4000	48.3	96.4	96.7	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.2	97.2	97.2	97.2	97.2
IV 3500	49.4	97.4	97.7	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2
IV 3000	50.1	98.2	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	99.0	99.0	99.0	99.0	99.0
IV 2500	50.4	99.1	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9
IV 2000	50.4	99.2	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
IV 1800	50.4	99.2	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
IV 1500	50.4	99.2	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
IV 1200	50.4	99.2	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
IV 1000	50.4	99.2	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
IV 900	50.4	99.2	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
IV 800	50.4	99.2	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
IV 700	50.4	99.2	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
IV 600	50.4	99.2	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
IV 500	50.4	99.2	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
IV 400	50.4	99.2	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
IV 300	50.4	99.2	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
IV 200	50.4	99.2	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
IV 100	50.4	99.2	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
IV 0	50.4	99.2	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 778

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

167167

HELLENIKON AB GR

73-81

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700

CEILING FEET	VISIBILITY - STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.75	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05
NO CEILING	41.7	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.3	58.3	58.3	58.3	58.3	58.3
≥ 20000	45.7	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.1	64.1	64.1	64.1	64.1	64.1
IV 18000	46.1	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.5	64.5	64.5	64.5	64.5	64.5
IV 16000	46.1	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.5	64.5	64.5	64.5	64.5	64.5
IV 14000	46.1	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.5	64.5	64.5	64.5	64.5	64.5
IV 12000	46.7	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.2	66.2	66.2	66.2	66.2	66.2
IV 10000	47.6	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.1	67.1	67.1	67.1	67.1	67.1
IV 9000	48.3	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.9	67.9	67.9	67.9	67.9	67.9
IV 8000	49.0	68.5	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.9	68.9	68.9	68.9	68.9	68.9
IV 7000	49.0	68.5	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.9	68.9	68.9	68.9	68.9	68.9
IV 6000	49.0	68.5	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.9	68.9	68.9	68.9	68.9	68.9
IV 5000	49.0	95.5	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.9	95.9	95.9	95.9	95.9	95.9
IV 4500	49.3	95.7	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1
IV 4000	50.5	96.9	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3
IV 3500	51.6	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.5	98.5	98.5	98.5	98.5	98.5
IV 3000	52.0	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.8	99.0	99.0	99.0	99.0	99.0
IV 2500	52.1	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0
IV 2000	52.1	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0
IV 1800	52.1	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0
IV 1500	52.1	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0
IV 1200	52.1	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0
IV 1000	52.1	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0
IV 900	52.1	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0
IV 800	52.1	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0
IV 700	52.1	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0
IV 600	52.1	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0
IV 500	52.1	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0
IV 400	52.1	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0
IV 300	52.1	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0
IV 200	52.1	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0
IV 100	52.1	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0
IV 0	52.1	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 773

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

16 16

HELLENIKON AB GR

73-81

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2	≥ 2	≥ 2	≥ 2	≥ 2	≥ 2	≥ 2	≥ 2	≥ 2	≥ 2	≥ 2
NO CEILING	27.1	43.4	43.9	43.9	43.9	43.9	43.9	43.9	43.9	44.0	44.0	44.0	44.0	44.0	44.0	44.0
≥ 20000	29.7	47.9	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.5	48.5	48.5	48.5	48.5	48.5	48.5
≥ 18000	29.8	48.0	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.7	48.7	48.7	48.7	48.7	48.7	48.7
≥ 16000	29.8	48.0	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.7	48.7	48.7	48.7	48.7	48.7	48.7
≥ 14000	29.8	48.0	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.7	48.7	48.7	48.7	48.7	48.7	48.7
≥ 12000	30.6	50.3	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.1	51.1	51.1	51.1	51.1	51.1	51.1
≥ 10000	31.6	51.5	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.2	52.2	52.2	52.2	52.2	52.2	52.2
≥ 9000	33.5	53.0	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.8	53.8	53.8	53.8	53.8	53.8	53.8
8000	33.5	53.4	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.2	54.2	54.2	54.2	54.2	54.2	54.2
≥ 7000	33.5	53.4	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.2	54.2	54.2	54.2	54.2	54.2	54.2
≥ 6000	33.5	53.4	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.2	54.2	54.2	54.2	54.2	54.2	54.2
≥ 5000	33.5	56.5	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 4500	33.6	96.7	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 4000	34.1	97.3	97.9	97.9	97.9	97.9	97.9	97.9	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 3500	35.4	98.6	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 3000	35.7	98.8	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 2500	35.7	99.2	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	35.7	99.2	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	35.7	99.2	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	35.7	99.2	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	35.7	99.2	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	35.7	99.2	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	35.7	99.2	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	35.7	99.2	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	35.7	99.2	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	35.7	99.2	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	35.7	99.2	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	35.7	99.2	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	35.7	99.2	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	35.7	99.2	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	35.7	99.2	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	35.7	99.2	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 779

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

16-167 HELLENIKON AB GR

73-81

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥1	≥1/2	≥1/4	≥1/8	≥1/16	≥1/32	≥1/64	≥1/128	≥1/256	≥1/512
NO CEILING	14.1	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6
≥ 20000	14.7	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8
≥ 18000	14.7	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8
≥ 15000	14.7	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8
≥ 14000	14.7	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8
≥ 12000	14.8	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6
≥ 10000	16.3	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1
≥ 9000	17.2	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0
≥ 8000	17.7	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5
≥ 7000	17.7	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5
≥ 6000	17.7	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5
≥ 5000	17.7	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 4500	17.7	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 4000	18.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 3500	18.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 3000	18.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 2500	18.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	18.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	18.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	18.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	18.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	18.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	18.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	18.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	18.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	18.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	18.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	18.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	18.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	18.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	18.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	18.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 789

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

16 160 HELLNIKON AB GR

73-81

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.1	≥0.05	≥0.025	≥0.01	≥0.005
NO CEILING	22.2	43.5	45.0	45.2	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.5
≥ 20000	23.9	46.4	48.0	48.2	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.5
≥ 18000	23.9	46.5	48.1	48.3	48.4	48.4	48.4	48.4	48.4	48.5	48.5	48.5	48.5	48.5	48.5	48.5
≥ 16000	23.9	46.5	48.1	48.3	48.4	48.4	48.4	48.4	48.4	48.5	48.5	48.5	48.5	48.5	48.5	48.5
≥ 14000	23.9	46.5	48.1	48.3	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.6
≥ 12000	24.4	48.6	50.2	50.5	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.8
≥ 10000	25.5	49.7	51.3	51.6	51.8	51.8	51.8	51.8	51.8	51.9	51.9	51.9	51.9	51.9	51.9	51.9
≥ 9000	26.6	50.9	52.6	52.9	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.2
≥ 8000	27.0	51.4	53.1	53.4	53.6	53.6	53.6	53.6	53.6	53.7	53.7	53.7	53.7	53.7	53.7	53.7
≥ 7000	27.1	51.4	53.2	53.4	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.8
≥ 6000	27.1	51.4	53.2	53.4	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.8
≥ 5000	27.1	95.2	96.9	97.2	97.4	97.4	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 4500	27.2	95.3	97.0	97.3	97.5	97.5	97.5	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 4000	27.8	96.1	97.9	98.2	98.4	98.4	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 3500	28.5	96.9	98.6	98.9	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 3000	28.7	97.1	98.9	99.2	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 2500	28.7	97.5	99.3	99.6	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 2000	28.7	97.5	99.3	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 1800	28.7	97.5	99.3	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 1500	28.7	97.5	99.3	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 1200	28.7	97.5	99.3	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	28.7	97.5	99.3	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	28.7	97.5	99.3	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	28.7	97.5	99.3	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	28.7	97.5	99.3	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	28.7	97.5	99.3	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	28.7	97.5	99.3	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	28.7	97.5	99.3	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	28.7	97.5	99.3	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	28.7	97.5	99.3	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	28.7	97.5	99.3	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	28.7	97.5	99.3	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 6238

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

16716 HELLENIXON AB GR

73-81

26

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0000-0200

CEILING FEET	VISIBILITY - STATUTE MILES															
	20	26	28	24	22	20	18	16	14	12	10	8	6	4	2	1
NO. OF OBS.	5.9	33.1	33.6	34.5	34.5	34.5	34.5	34.5	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6
≥ 20000	5.9	33.1	34.0	34.8	34.8	34.8	34.8	34.8	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0
≥ 18000	5.9	33.3	34.0	34.8	34.8	34.8	34.8	34.8	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0
≥ 16000	5.9	33.3	34.0	34.8	34.8	34.8	34.8	34.8	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0
≥ 14000	5.9	33.3	34.0	34.8	34.8	34.8	34.8	34.8	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0
≥ 12000	5.9	34.2	34.8	35.7	35.7	35.7	35.7	35.7	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9
≥ 10000	6.9	35.4	36.0	36.9	36.9	36.9	36.9	36.9	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0
≥ 9000	7.6	36.0	36.6	37.5	37.5	37.5	37.5	37.5	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6
≥ 8000	8.1	36.5	37.1	38.0	38.0	38.0	38.0	38.0	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1
≥ 7000	8.1	36.5	37.1	38.0	38.0	38.0	38.0	38.0	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1
≥ 6000	8.1	36.5	37.1	38.0	38.0	38.0	38.0	38.0	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1
≥ 5000	8.1	97.6	98.2	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 4500	8.1	97.6	98.2	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 4000	8.5	98.4	99.0	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3500	8.5	98.4	99.0	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3000	8.5	98.4	99.0	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2500	8.5	98.4	99.0	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	8.5	98.4	99.0	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	8.5	98.4	99.0	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	8.5	98.4	99.0	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	8.5	98.4	99.0	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	8.5	98.4	99.0	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	8.5	98.4	99.0	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	8.5	98.4	99.0	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	8.5	98.4	99.0	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	8.5	98.4	99.0	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	8.5	98.4	99.0	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	8.5	98.4	99.0	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	8.5	98.4	99.0	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	8.5	98.4	99.0	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	8.5	98.4	99.0	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 50	8.5	98.4	99.0	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 25	8.5	98.4	99.0	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 792

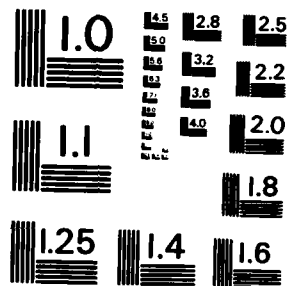
USAF ETAC 0-14-5 (DL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

UNCLASSIFIED

HELLENIKON AS GREECE REVISED UNIFORM SUMMARY OF SURFACE
WEATHER OBSERVATI. (U) AIR FORCE ENVIRONMENTAL
TECHNICAL APPLICATIONS CENTER SCOTT A. 29 JUL 82
USAFETAC/DS-82/046 SBI-AD-ESBO 206 P/G:4/2

345

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MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

16716

HELLENIKON AB GR

73-81

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .5	≥ .25	≥ .1	≥ .05	≥ .025	≥ .01	≥ .005
NO CEILING	7.0	34.8	35.7	36.6	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.2
≥ 20000	7.0	34.8	35.8	36.7	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.3
≥ 18000	7.0	34.8	35.8	36.7	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.3
≥ 16000	7.0	34.8	35.8	36.7	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.3
≥ 14000	7.0	34.8	35.8	36.7	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.3
≥ 12000	7.0	35.7	36.7	37.6	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.2
≥ 10000	8.0	36.7	37.7	38.6	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.2
≥ 9000	8.4	37.2	38.2	39.1	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.7
≥ 8000	8.7	37.7	38.7	39.6	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.3
≥ 7000	8.7	37.7	38.7	39.6	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.3
≥ 6000	8.7	37.7	38.7	39.6	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.3
≥ 5000	8.7	97.1	98.1	99.0	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6
≥ 4500	8.9	97.2	98.2	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7
≥ 4000	9.1	97.5	98.5	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 3500	9.1	97.5	98.5	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 3000	9.1	97.5	98.5	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 2500	9.1	97.5	98.5	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 2000	9.1	97.5	98.5	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 1800	9.1	97.5	98.5	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 1500	9.1	97.5	98.5	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 1200	9.1	97.5	98.5	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 1000	9.1	97.5	98.5	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 900	9.1	97.5	98.5	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 800	9.1	97.5	98.5	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 700	9.1	97.5	98.5	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 600	9.1	97.5	98.5	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 500	9.1	97.5	98.5	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 400	9.1	97.5	98.5	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 300	9.1	97.5	98.5	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 200	9.1	97.5	98.5	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 100	9.1	97.5	98.5	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 0	9.1	97.5	98.5	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 790

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

16716: HELLENIKON AB GR

73-81

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .5	≥ .3	≥ .2	≥ .1	≥ .05	≥ .03	≥ .01
NO CEILING	10.3	35.9	42.3	45.3	47.4	47.6	47.6	47.6	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8
≥ 20000	10.5	36.1	42.5	45.6	47.6	47.9	47.9	47.9	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0
18000	10.5	36.1	42.5	45.6	47.6	47.9	47.9	47.9	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0
16000	10.5	36.1	42.5	45.6	47.6	47.9	47.9	47.9	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0
14000	10.5	36.1	42.5	45.6	47.6	47.9	47.9	47.9	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0
12000	10.5	36.9	43.4	46.5	48.5	48.8	48.8	48.8	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9
10000	10.6	37.2	43.8	46.9	48.9	49.2	49.2	49.2	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3
9000	11.0	37.7	44.6	47.8	49.8	50.1	50.1	50.1	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2
8000	11.1	37.8	44.7	47.9	49.9	50.2	50.2	50.2	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
7000	11.1	37.9	44.8	48.0	50.1	50.3	50.3	50.3	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4
6000	11.1	37.9	44.8	48.0	50.1	50.3	50.3	50.3	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4
5000	11.4	87.1	94.0	97.2	99.2	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
4500	11.4	87.1	94.0	97.2	99.2	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
4000	11.6	87.4	94.3	97.4	99.3	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
3500	11.6	87.4	94.4	97.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
3000	11.6	87.4	94.4	97.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2500	11.6	87.4	94.4	97.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2000	11.6	87.4	94.4	97.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1800	11.6	87.4	94.4	97.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1500	11.6	87.4	94.4	97.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1200	11.6	87.4	94.4	97.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1000	11.6	87.4	94.4	97.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
900	11.6	87.4	94.4	97.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
800	11.6	87.4	94.4	97.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
700	11.6	87.4	94.4	97.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
600	11.6	87.4	94.4	97.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
500	11.6	87.4	94.4	97.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
400	11.6	87.4	94.4	97.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
300	11.6	87.4	94.4	97.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
200	11.6	87.4	94.4	97.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
100	11.6	87.4	94.4	97.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	11.6	87.4	94.4	97.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 783

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

16716 HELLNIKON AB GR

73-81

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.1	≥0.05	≥0.025	≥0.01	≥0.005
NO CEILING	20.6	48.6	51.0	52.4	53.7	53.9	53.9	53.9	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
≥ 20000	20.6	49.0	51.4	52.8	54.1	54.3	54.3	54.3	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
≥ 18000	21.1	49.3	51.6	53.0	54.3	54.6	54.6	54.6	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
≥ 16000	21.1	49.3	51.6	53.0	54.3	54.6	54.6	54.6	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
≥ 14000	21.1	49.3	51.6	53.0	54.3	54.6	54.6	54.6	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
≥ 12000	21.2	50.5	52.8	54.2	55.5	55.7	55.7	55.7	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
≥ 10000	21.5	50.8	53.3	54.7	56.0	56.2	56.2	56.2	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
≥ 9000	22.1	51.5	53.9	55.3	56.6	56.9	56.9	56.9	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
≥ 8000	22.4	51.7	54.2	55.6	56.9	57.1	57.1	57.1	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
≥ 7000	22.5	52.0	54.4	55.9	57.1	57.4	57.4	57.4	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
IV 6000	22.5	52.0	54.4	55.9	57.1	57.4	57.4	57.4	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
IV 5000	22.7	94.1	96.5	97.9	99.2	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 4500	22.7	94.1	96.5	97.9	99.2	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 4000	22.7	94.3	96.8	98.2	99.5	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 3500	22.7	94.3	96.8	98.2	99.5	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 3000	22.7	94.3	96.8	98.2	99.5	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 2500	22.7	94.5	96.9	98.3	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 2000	22.7	94.5	96.9	98.3	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1800	22.7	94.5	96.9	98.3	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1500	22.7	94.5	96.9	98.3	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1200	22.7	94.5	96.9	98.3	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1000	22.7	94.5	96.9	98.3	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 900	22.7	94.5	96.9	98.3	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 800	22.7	94.5	96.9	98.3	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 700	22.7	94.5	96.9	98.3	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 600	22.7	94.5	96.9	98.3	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 500	22.7	94.5	96.9	98.3	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	22.7	94.5	96.9	98.3	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	22.7	94.5	96.9	98.3	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	22.7	94.5	96.9	98.3	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	22.7	94.5	96.9	98.3	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	22.7	94.5	96.9	98.3	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 777

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

16716

HELLENIKON AB GR

73-81

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.75	≥0.5	≥0.25	≥0.1	≥0.05	≥0.01	≥0
NO. CEILING	39.5	64.8	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.6	65.6	65.6	65.6
≥ 20000	39.5	65.0	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.7	65.7	65.7	65.7
IV 18000	39.5	65.0	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.7	65.7	65.7	65.7
IV 16000	39.5	65.0	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.7	65.7	65.7	65.7
IV 14000	39.5	65.0	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.7	65.7	65.7	65.7
IV 12000	39.5	66.0	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.9	66.9	66.9	66.9
IV 10000	39.8	66.4	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	67.3	67.3	67.3	67.3
IV 9000	40.6	67.1	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	68.0	68.0	68.0	68.0
IV 8000	41.2	67.8	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.7	68.7	68.7	68.7
IV 7000	41.4	67.9	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.8	68.8	68.8	68.8
IV 6000	41.4	67.9	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.8	68.8	68.8	68.8
IV 5000	41.4	95.8	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.7	96.7	96.7	96.7
IV 4500	41.6	96.1	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	97.0	97.0	97.0	97.0
IV 4000	42.5	97.7	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.6	98.6	98.6	98.6
IV 3500	43.0	98.2	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	99.1	99.1	99.1	99.1
IV 3000	43.4	98.6	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.6	99.6	99.6	99.6
IV 2500	43.4	98.9	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.9	99.9	99.9	99.9
IV 2000	43.4	98.9	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.9	99.9	99.9	99.9
IV 1800	43.4	98.9	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.9	99.9	99.9	99.9
IV 1500	43.4	98.9	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.9	99.9	99.9	99.9
IV 1200	43.4	99.0	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0
IV 1000	43.4	99.0	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0
IV 900	43.4	99.0	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0
IV 800	43.4	99.0	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0
IV 700	43.4	99.0	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0
IV 600	43.4	99.0	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0
IV 500	43.4	99.0	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0
IV 400	43.4	99.0	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0
IV 300	43.4	99.0	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0
IV 200	43.4	99.0	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0
IV 100	43.4	99.0	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0
IV 0	43.4	99.0	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 788

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

16.16
STATION

HELLENIKON AB GR
STATION NAME

73-81
YEAR

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
TIME PERIOD

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.1	≥0.05	≥0.025	≥0.01	≥0.005
NO CEILING	42.7	66.4	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.9
≥ 20000	42.9	67.0	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.6
≥ 18000	42.9	67.0	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.6
≥ 16000	42.9	67.0	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.6
≥ 14000	42.9	67.0	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.6
≥ 12000	43.1	68.3	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.8
≥ 10000	43.1	68.3	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.8
≥ 9000	44.1	69.3	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.8
≥ 8000	44.2	69.4	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.9
≥ 7000	44.2	69.4	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.9
≥ 6000	44.2	69.4	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.9
≥ 5000	44.3	97.9	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.4
≥ 4500	44.7	98.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.7
≥ 4000	45.2	98.9	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.5
≥ 3500	45.5	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7
≥ 3000	45.5	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7
≥ 2500	45.5	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 2000	45.5	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 1800	45.5	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 1500	45.5	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 1200	45.5	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 1000	45.5	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 900	45.5	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 800	45.5	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 700	45.5	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 600	45.5	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 500	45.5	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 400	45.5	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 300	45.5	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 200	45.5	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 100	45.5	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 0	45.5	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 792

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

167160 HELLENIKON AB GR

73-81

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	22.4	46.2	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.7	46.7	46.7	46.7	46.7	46.7
≥ 20000	22.3	46.9	47.2	47.2	47.4	47.4	47.4	47.4	47.4	47.5	47.5	47.5	47.5	47.5	47.5	47.5
≥ 18000	22.9	47.0	47.4	47.4	47.5	47.5	47.5	47.5	47.5	47.6	47.6	47.6	47.6	47.6	47.6	47.6
≥ 16000	22.9	47.0	47.4	47.4	47.5	47.5	47.5	47.5	47.5	47.6	47.6	47.6	47.6	47.6	47.6	47.6
≥ 14000	23.2	47.2	47.6	47.6	47.7	47.7	47.7	47.7	47.7	47.9	47.9	47.9	47.9	47.9	47.9	47.9
≥ 12000	23.4	48.0	48.4	48.4	48.5	48.5	48.5	48.5	48.5	48.6	48.6	48.6	48.6	48.6	48.6	48.6
≥ 10000	24.1	48.7	49.1	49.1	49.2	49.2	49.2	49.2	49.2	49.4	49.4	49.4	49.4	49.4	49.4	49.4
≥ 9000	24.7	49.4	49.7	49.7	49.9	49.9	49.9	49.9	49.9	50.0	50.0	50.0	50.0	50.0	50.0	50.0
≥ 8000	26.3	51.1	51.5	51.5	51.6	51.6	51.6	51.6	51.6	51.8	51.8	51.8	51.8	51.8	51.8	51.8
≥ 7000	26.3	51.1	51.5	51.5	51.6	51.6	51.6	51.6	51.6	51.8	51.8	51.8	51.8	51.8	51.8	51.8
≥ 6000	26.3	51.1	51.5	51.5	51.6	51.6	51.6	51.6	51.6	51.8	51.8	51.8	51.8	51.8	51.8	51.8
≥ 5000	26.3	97.9	98.2	98.2	98.4	98.4	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 4500	26.6	98.1	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 4000	27.1	98.6	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 3500	27.1	98.7	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 3000	27.1	98.7	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 2500	27.1	99.1	99.6	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	27.1	99.1	99.6	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	27.1	99.1	99.6	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	27.1	99.1	99.6	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	27.1	99.1	99.6	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	27.1	99.1	99.6	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	27.1	99.1	99.6	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	27.1	99.1	99.6	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	27.1	99.1	99.6	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	27.1	99.1	99.6	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	27.1	99.1	99.6	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	27.1	99.1	99.6	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	27.1	99.1	99.6	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	27.1	99.1	99.6	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	27.1	99.1	99.6	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	27.1	99.1	99.6	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 799

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

167160 HELLONIKON AB GR

73-81

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	17.4	36.3	37.5	37.7	37.7	37.7	37.7	37.7	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8
≥ 20000	10.6	36.8	38.1	38.2	38.2	38.2	38.2	38.2	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4
≥ 18000	10.8	37.0	38.1	38.4	38.4	38.4	38.4	38.4	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5
≥ 16000	10.8	37.0	38.1	38.4	38.4	38.4	38.4	38.4	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5
≥ 14000	10.8	37.0	38.1	38.4	38.4	38.4	38.4	38.4	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5
≥ 12000	10.8	38.4	39.5	39.7	39.7	39.7	39.7	39.7	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9
≥ 10000	11.3	38.9	40.0	40.3	40.3	40.3	40.3	40.3	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4
≥ 9000	11.5	39.1	40.3	40.5	40.5	40.5	40.5	40.5	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6
≥ 8000	11.9	39.5	40.6	40.9	40.9	40.9	40.9	40.9	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0
≥ 7000	11.9	39.5	40.6	40.9	40.9	40.9	40.9	40.9	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0
≥ 6000	11.9	39.5	40.6	40.9	40.9	40.9	40.9	40.9	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0
≥ 5000	11.9	97.1	98.2	98.5	98.5	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 4500	12.0	97.2	98.4	98.6	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 4000	12.3	97.6	98.7	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 3500	12.5	97.8	99.0	99.2	99.2	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 3000	12.7	98.0	99.2	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 2500	12.7	98.1	99.6	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	12.7	98.1	99.6	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	12.7	98.1	99.6	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	12.7	98.1	99.6	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	12.7	98.1	99.6	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	12.7	98.1	99.6	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	12.7	98.1	99.6	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	12.7	98.1	99.6	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	12.7	98.1	99.6	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	12.7	98.1	99.6	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	12.7	98.1	99.6	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	12.7	98.1	99.6	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	12.7	98.1	99.6	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	12.7	98.1	99.6	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	12.7	98.1	99.6	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	12.7	98.1	99.6	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 790

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

167167 HELLENIKON AB GR

73-81

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.75	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0
NO CEILING	19.9	45.8	47.3	48.1	48.6	48.7	48.7	48.7	48.7	48.7	48.7	48.8	48.8	48.8	48.8	48.8
≥ 20000	20.0	46.1	47.7	48.5	49.0	49.1	49.1	49.1	49.1	49.1	49.1	49.2	49.2	49.2	49.2	49.2
≥ 18000	20.1	46.2	47.8	48.6	49.1	49.1	49.1	49.1	49.2	49.2	49.2	49.3	49.3	49.3	49.3	49.3
≥ 16000	20.1	46.2	47.8	48.6	49.1	49.1	49.1	49.1	49.2	49.2	49.2	49.3	49.3	49.3	49.3	49.3
≥ 14000	20.1	46.2	47.8	48.6	49.1	49.2	49.2	49.2	49.2	49.2	49.2	49.3	49.3	49.3	49.3	49.3
≥ 12000	20.2	47.2	48.8	49.7	50.1	50.2	50.2	50.2	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.4
≥ 10000	20.7	47.8	49.4	50.2	50.7	50.8	50.8	50.8	50.9	50.9	50.9	50.9	50.9	50.9	50.9	51.0
≥ 9000	21.2	48.4	50.1	50.9	51.4	51.5	51.5	51.5	51.5	51.5	51.5	51.6	51.6	51.6	51.6	51.6
≥ 8000	21.8	49.0	50.6	51.4	51.9	52.0	52.0	52.0	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.2
≥ 7000	21.8	49.0	50.7	51.5	52.0	52.1	52.1	52.1	52.1	52.1	52.1	52.2	52.2	52.2	52.2	52.2
≥ 6000	21.8	49.0	50.7	51.5	52.0	52.1	52.1	52.1	52.1	52.1	52.1	52.2	52.2	52.2	52.2	52.2
≥ 5000	21.9	49.5	50.7	51.5	52.0	52.1	52.1	52.1	52.1	52.1	52.1	52.2	52.2	52.2	52.2	52.2
≥ 4500	22.0	49.5	50.7	51.5	52.0	52.1	52.1	52.1	52.1	52.1	52.1	52.2	52.2	52.2	52.2	52.2
≥ 4000	22.4	49.5	50.7	51.5	52.0	52.1	52.1	52.1	52.1	52.1	52.1	52.2	52.2	52.2	52.2	52.2
≥ 3500	22.5	49.5	50.7	51.5	52.0	52.1	52.1	52.1	52.1	52.1	52.1	52.2	52.2	52.2	52.2	52.2
≥ 3000	22.6	49.5	50.7	51.5	52.0	52.1	52.1	52.1	52.1	52.1	52.1	52.2	52.2	52.2	52.2	52.2
≥ 2500	22.6	49.5	50.7	51.5	52.0	52.1	52.1	52.1	52.1	52.1	52.1	52.2	52.2	52.2	52.2	52.2
≥ 2000	22.6	49.5	50.7	51.5	52.0	52.1	52.1	52.1	52.1	52.1	52.1	52.2	52.2	52.2	52.2	52.2
≥ 1800	22.6	49.5	50.7	51.5	52.0	52.1	52.1	52.1	52.1	52.1	52.1	52.2	52.2	52.2	52.2	52.2
≥ 1500	22.6	49.5	50.7	51.5	52.0	52.1	52.1	52.1	52.1	52.1	52.1	52.2	52.2	52.2	52.2	52.2
≥ 1200	22.6	49.5	50.7	51.5	52.0	52.1	52.1	52.1	52.1	52.1	52.1	52.2	52.2	52.2	52.2	52.2
≥ 1000	22.6	49.5	50.7	51.5	52.0	52.1	52.1	52.1	52.1	52.1	52.1	52.2	52.2	52.2	52.2	52.2
≥ 900	22.6	49.5	50.7	51.5	52.0	52.1	52.1	52.1	52.1	52.1	52.1	52.2	52.2	52.2	52.2	52.2
≥ 800	22.6	49.5	50.7	51.5	52.0	52.1	52.1	52.1	52.1	52.1	52.1	52.2	52.2	52.2	52.2	52.2
≥ 700	22.6	49.5	50.7	51.5	52.0	52.1	52.1	52.1	52.1	52.1	52.1	52.2	52.2	52.2	52.2	52.2
≥ 600	22.6	49.5	50.7	51.5	52.0	52.1	52.1	52.1	52.1	52.1	52.1	52.2	52.2	52.2	52.2	52.2
≥ 500	22.6	49.5	50.7	51.5	52.0	52.1	52.1	52.1	52.1	52.1	52.1	52.2	52.2	52.2	52.2	52.2
≥ 400	22.6	49.5	50.7	51.5	52.0	52.1	52.1	52.1	52.1	52.1	52.1	52.2	52.2	52.2	52.2	52.2
≥ 300	22.6	49.5	50.7	51.5	52.0	52.1	52.1	52.1	52.1	52.1	52.1	52.2	52.2	52.2	52.2	52.2
≥ 200	22.6	49.5	50.7	51.5	52.0	52.1	52.1	52.1	52.1	52.1	52.1	52.2	52.2	52.2	52.2	52.2
≥ 100	22.6	49.5	50.7	51.5	52.0	52.1	52.1	52.1	52.1	52.1	52.1	52.2	52.2	52.2	52.2	52.2
≥ 0	22.6	49.5	50.7	51.5	52.0	52.1	52.1	52.1	52.1	52.1	52.1	52.2	52.2	52.2	52.2	52.2

TOTAL NUMBER OF OBSERVATIONS 6308

1 GLOBAL CLIMATOLOGY BRANCH
2 USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

167167 HELLENIKON AB GR

73-81

AVG

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.1	≥0.05	≥0.025	≥0.01	≥0
NO CEILING ≥ 20000	7.1	35.4	35.9	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1
IV 18000	7.2	35.9	36.5	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6
IV 16000	7.2	35.9	36.5	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6
IV 14000	7.2	35.9	36.5	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6
IV 12000	7.3	37.0	37.5	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6
IV 10000	8.2	38.0	38.5	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6
IV 9000	8.7	38.5	39.0	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1
IV 8000	8.9	38.6	39.1	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2
IV 7000	8.9	38.6	39.1	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2
IV 6000	8.9	38.6	39.1	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2
IV 5000	8.9	38.6	39.1	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2
IV 4500	8.9	38.6	39.1	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2
IV 4000	8.9	38.6	39.1	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2
IV 3500	9.0	38.9	39.4	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5
IV 3000	9.0	38.9	39.4	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5
IV 2500	9.0	39.0	39.5	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6
IV 2000	9.0	39.0	39.5	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6
IV 1800	9.0	39.0	39.5	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6
IV 1500	9.0	39.0	39.5	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6
IV 1200	9.0	39.0	39.5	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6
IV 1000	9.0	39.0	39.5	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6
IV 900	9.0	39.0	39.5	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6
IV 800	9.0	39.0	39.5	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6
IV 700	9.0	39.0	39.5	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6
IV 600	9.0	39.0	39.5	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6
IV 500	9.0	39.0	39.5	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6
IV 400	9.0	39.0	39.5	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6
IV 300	9.0	39.0	39.5	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6
IV 200	9.0	39.0	39.5	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6
IV 100	9.0	39.0	39.5	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6
IV 0	9.0	39.0	39.5	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6

TOTAL NUMBER OF OBSERVATIONS 790

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

167167
STATION

HELLENIKON AB GR
STATION NAME

73-81
YEAR

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
TIME

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.75	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0.01
NO CEILING	6.4	34.4	35.3	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6
≥ 20000	6.7	34.9	35.8	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1
IV 18000	6.9	35.1	36.0	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2
IV 16000	6.9	35.1	36.0	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2
IV 14000	6.9	35.1	36.0	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2
IV 12000	7.2	36.0	36.8	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1
IV 10000	8.3	37.1	38.0	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2
IV 9000	8.6	37.7	38.6	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9
IV 8000	8.6	37.7	38.6	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9
IV 7000	8.6	37.7	38.6	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9
IV 6000	8.6	37.7	38.6	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9
IV 5000	8.6	98.5	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 4500	8.6	98.5	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 4000	8.6	98.6	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 3500	8.9	98.7	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 3000	8.9	98.7	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 2500	8.9	98.7	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 2000	8.9	98.7	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 1800	8.9	98.7	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 1500	8.9	98.7	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 1200	8.9	98.7	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1000	8.9	98.7	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 900	8.9	98.7	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 800	8.9	98.7	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 700	8.9	98.7	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 600	8.9	98.7	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 500	8.9	98.7	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	8.9	98.7	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	8.9	98.7	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	8.9	98.7	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	8.9	98.7	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	8.9	98.7	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 787

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

167167 HELLNIKON AB GR

73-81

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800

CEILING FEET	VISIBILITY, STATUTE MILES																
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.1	≥0.05	≥0.025	≥0.01	≥0.005	≥0.001
NO CEILING	13.8	40.2	44.8	45.6	47.2	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
≥ 20000	13.8	40.3	45.3	46.1	47.7	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8
18000	13.8	40.3	45.3	46.1	47.7	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8
16000	13.8	40.3	45.3	46.1	47.7	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8
14000	13.9	40.5	45.4	46.3	47.8	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9
12000	14.0	41.0	46.1	47.0	48.5	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
10000	15.3	42.2	47.4	48.3	49.8	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
9000	15.7	42.7	48.0	48.9	50.4	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
8000	15.7	42.7	48.0	48.9	50.4	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
7000	15.8	43.0	48.3	49.2	50.7	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8
6000	15.8	43.0	48.3	49.2	50.7	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8
5000	15.8	91.7	97.0	97.9	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
4500	15.8	91.7	97.0	97.9	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
4000	15.8	91.9	97.2	98.1	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
3500	15.9	92.0	97.3	98.2	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
3000	15.9	92.0	97.3	98.2	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
2500	15.9	92.0	97.3	98.2	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
2000	15.9	92.0	97.3	98.2	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
1800	15.9	92.0	97.3	98.2	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
1500	15.9	92.0	97.3	98.2	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
1200	15.9	92.0	97.3	98.2	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
1000	15.9	92.0	97.3	98.2	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
900	15.9	92.0	97.3	98.2	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
800	15.9	92.0	97.3	98.2	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
700	15.9	92.0	97.3	98.2	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
600	15.9	92.0	97.3	98.2	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
500	15.9	92.0	97.3	98.2	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
400	15.9	92.0	97.3	98.2	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
300	15.9	92.0	97.3	98.2	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
200	15.9	92.0	97.3	98.2	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
100	15.9	92.0	97.3	98.2	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	15.9	92.0	97.3	98.2	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 791

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AFW WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

16716

HELLENIXON AB GR

73-81

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .5	≥ .3	≥ .2	≥ .1	≥ .05	≥ .03	≥ .01
NO CEILING	25.3	53.6	55.8	56.6	57.1	57.1	57.1	57.1	57.2	57.2	57.2	57.2	57.2	57.3	57.3	57.3
≥ 20000	25.3	54.2	56.3	57.1	57.6	57.6	57.6	57.6	57.7	57.7	57.7	57.7	57.7	57.9	57.9	57.9
≥ 18000	25.3	54.2	56.3	57.1	57.6	57.6	57.6	57.6	57.7	57.7	57.7	57.7	57.7	57.9	57.9	57.9
≥ 16000	25.3	54.2	56.3	57.1	57.6	57.6	57.6	57.6	57.7	57.7	57.7	57.7	57.7	57.9	57.9	57.9
≥ 14000	25.3	54.2	56.3	57.1	57.6	57.6	57.6	57.6	57.7	57.7	57.7	57.7	57.7	57.9	57.9	57.9
≥ 12000	25.7	55.0	57.2	58.0	58.5	58.5	58.5	58.5	58.6	58.6	58.6	58.6	58.6	58.7	58.7	58.7
≥ 10000	26.1	55.4	57.6	58.4	58.9	58.9	58.9	58.9	59.0	59.0	59.0	59.0	59.0	59.1	59.1	59.1
≥ 9000	26.6	55.9	58.1	58.9	59.4	59.4	59.4	59.4	59.5	59.5	59.5	59.5	59.5	59.6	59.6	59.6
≥ 8000	26.9	56.3	58.5	59.3	59.8	59.8	59.8	59.8	59.9	59.9	59.9	59.9	59.9	60.0	60.0	60.0
≥ 7000	26.9	56.3	58.5	59.3	59.8	59.8	59.8	59.8	59.9	59.9	59.9	59.9	59.9	60.0	60.0	60.0
≥ 6000	26.9	56.3	58.5	59.3	59.8	59.8	59.8	59.8	59.9	59.9	59.9	59.9	59.9	60.0	60.0	60.0
≥ 5000	26.9	95.0	97.2	98.0	98.5	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.7	98.7	98.7
≥ 4500	26.9	95.0	97.2	98.0	98.5	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.7	98.7	98.7
≥ 4000	27.1	95.4	97.6	98.5	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.2
≥ 3500	27.1	95.7	97.8	98.7	99.2	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5
≥ 3000	27.5	95.8	98.0	98.9	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6
≥ 2500	27.5	96.0	98.2	99.1	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.9	99.9	99.9
≥ 2000	27.5	96.0	98.2	99.1	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.9	99.9	99.9
≥ 1800	27.5	96.0	98.2	99.1	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.9	99.9	99.9
≥ 1500	27.5	96.0	98.2	99.1	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.9	99.9	99.9
≥ 1200	27.5	96.2	98.3	99.2	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 1000	27.5	96.2	98.3	99.2	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 900	27.5	96.2	98.3	99.2	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 800	27.5	96.2	98.3	99.2	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 700	27.5	96.2	98.3	99.2	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 600	27.5	96.2	98.3	99.2	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 500	27.5	96.2	98.3	99.2	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 400	27.5	96.2	98.3	99.2	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 300	27.5	96.2	98.3	99.2	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 200	27.5	96.2	98.3	99.2	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 100	27.5	96.2	98.3	99.2	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 50	27.5	96.2	98.3	99.2	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 783

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

167160 HELLENIKON AB GR -

73-81

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.75	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0.01
NO CEILING	43.3	66.0	66.8	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 20000	43.8	67.1	67.9	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
≥ 18000	43.8	67.1	67.9	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
≥ 6000	43.8	67.1	67.9	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
≥ 14000	43.8	67.1	67.9	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
≥ 12000	44.1	68.4	69.1	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
≥ 10000	44.6	68.9	69.6	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
≥ 9000	45.2	69.5	70.4	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 8000	45.3	69.6	70.5	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 7000	45.3	69.6	70.5	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 6000	45.3	69.6	70.5	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 5000	45.5	94.6	95.5	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 4500	45.6	94.7	95.6	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 4000	46.6	96.5	97.5	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 3500	46.9	96.7	97.7	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 3000	47.5	97.4	98.4	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 2500	47.5	98.0	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	47.5	98.0	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	47.5	98.0	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	47.5	98.0	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	47.5	98.0	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	47.5	98.0	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	47.5	98.0	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	47.5	98.0	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	47.5	98.0	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	47.5	98.0	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	47.5	98.0	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	47.5	98.0	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	47.5	98.0	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	47.5	98.0	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	47.5	98.0	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	47.5	98.0	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 794

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

16 167 HELLENIKON AB GR

73-81

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1500-1700

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2	≥ 1	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 1/32	≥ 1/64	≥ 1/128	≥ 1/256	≥ 1/512
NO CEILING	44.5	66.2	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
≥ 20000	44.9	67.0	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 18000	44.9	67.0	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 15000	44.9	67.0	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 14000	44.9	67.0	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 12000	45.2	68.3	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
≥ 10000	45.9	69.1	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
≥ 9000	46.9	70.1	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 8000	47.2	70.3	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
≥ 7000	47.2	70.3	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
≥ 6000	47.2	70.3	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
≥ 5000	47.4	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 4500	47.4	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 4000	48.1	97.9	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 3500	48.6	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 3000	49.2	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 2500	49.3	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	49.3	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	49.3	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	49.3	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	49.3	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	49.3	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	49.3	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	49.3	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	49.3	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	49.3	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	49.3	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	49.3	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	49.3	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	49.3	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	49.3	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 50	49.3	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 795

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATP WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

16/16

HELLENIKON AB GR

73-81

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥2	≥2	≥2	≥2	≥2	≥2	≥2	≥2	≥2
NO CEILING	21.3	45.2	45.3	45.3	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6
≥ 20000	21.9	46.1	46.2	46.2	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
≥ 18000	21.9	46.2	46.3	46.3	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6
≥ 16000	21.9	46.2	46.3	46.3	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6
≥ 14000	21.9	46.2	46.3	46.3	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6
≥ 12000	22.3	47.3	47.4	47.4	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
≥ 10000	22.5	47.6	47.7	47.7	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9
≥ 9000	23.3	48.3	48.4	48.4	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
≥ 8000	23.5	48.6	48.7	48.7	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9
≥ 7000	23.5	48.6	48.7	48.7	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9
≥ 6000	23.9	48.6	48.7	48.7	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9
≥ 5000	23.8	97.5	97.6	97.6	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 4500	23.9	97.5	97.6	97.6	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 4000	24.7	98.6	98.8	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 3500	24.8	98.8	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 3000	24.8	98.8	99.0	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 2500	24.8	99.1	99.5	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 2000	24.8	99.1	99.5	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1800	24.8	99.1	99.5	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1500	24.8	99.1	99.5	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1200	24.8	99.1	99.5	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	24.8	99.1	99.5	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	24.8	99.1	99.5	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	24.8	99.1	99.5	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	24.8	99.1	99.5	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	24.8	99.1	99.5	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	24.8	99.1	99.5	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	24.8	99.1	99.5	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	24.8	99.1	99.5	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	24.8	99.1	99.5	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	24.8	99.1	99.5	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	24.8	99.1	99.5	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 803

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

16716 HELLINIKON AB GR

73-81

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥2	≥2	≥2	≥2	≥2	≥2	≥2	≥2	≥2
NO. CEILING	10.0	35.7	35.9	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1
≥ 20000	10.4	36.2	36.4	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6
≥ 18000	10.4	36.2	36.4	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6
≥ 16000	10.4	36.2	36.4	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6
≥ 14000	10.4	36.2	36.4	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6
≥ 12000	10.7	37.3	37.6	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7
≥ 10000	11.7	38.4	38.7	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8
≥ 9000	12.4	39.3	39.6	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7
≥ 8000	12.4	39.3	39.6	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7
≥ 7000	12.6	39.4	39.7	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8
≥ 6000	12.6	39.4	39.7	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8
≥ 5000	12.6	97.6	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 4500	12.6	97.6	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 4000	13.1	98.3	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 3500	13.2	98.4	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 3000	13.6	98.8	99.0	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 2500	13.6	98.8	99.3	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 2000	13.6	98.8	99.3	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1800	13.6	98.8	99.3	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1500	13.6	98.8	99.3	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1200	13.6	98.8	99.3	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1000	13.6	98.8	99.3	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 900	13.6	98.8	99.3	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 800	13.6	98.8	99.3	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 700	13.6	98.8	99.3	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 600	13.6	98.8	99.3	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500	13.6	98.8	99.3	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	13.6	98.8	99.3	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300	13.6	98.8	99.3	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 200	13.6	98.8	99.3	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 100	13.6	98.8	99.3	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 0	13.6	98.8	99.3	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 809

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

16/16

HELLENIKON AB GR

73-81

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	21.4	47.1	48.3	48.6	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	49.0	49.0	49.0
≥ 20000	21.8	47.7	49.0	49.3	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6
IV 18000	21.8	47.8	49.0	49.3	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.7	49.7	49.7
IV 16000	21.8	47.8	49.0	49.3	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.7	49.7	49.7
IV 14000	21.8	47.8	49.0	49.3	49.6	49.6	49.6	49.6	49.6	49.7	49.7	49.7	49.7	49.7	49.7	49.7
IV 12000	22.1	48.8	50.0	50.4	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
IV 10000	22.8	49.6	50.8	51.2	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
IV 9000	23.4	50.3	51.6	51.9	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
IV 8000	23.4	50.4	51.7	52.1	52.3	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
IV 7000	23.6	50.4	51.7	52.1	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
IV 6000	23.6	50.4	51.7	52.1	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
IV 5000	23.7	96.3	97.6	98.0	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 4500	23.7	96.3	97.6	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 4000	24.1	97.0	98.3	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 3500	24.3	97.2	98.5	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.3	99.3
IV 3000	24.5	97.4	98.8	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 2500	24.6	97.6	99.1	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 2000	24.6	97.6	99.1	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 1800	24.6	97.6	99.1	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 1500	24.6	97.6	99.1	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 1200	24.6	97.7	99.1	99.5	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1000	24.6	97.7	99.1	99.5	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 900	24.6	97.7	99.1	99.5	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 800	24.6	97.7	99.1	99.5	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 700	24.6	97.7	99.1	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 600	24.6	97.7	99.1	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 500	24.6	97.7	99.1	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	24.6	97.7	99.1	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	24.6	97.7	99.1	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	24.6	97.7	99.1	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	24.6	97.7	99.1	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	24.6	97.7	99.1	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 6397

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

167167

HELLENIKON AB GR

73-81

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2000-0200

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.1	≥0.05	≥0.025	≥0.01	≥0.005
NO. CEILING	8.3	36.3	36.8	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.3
≥ 20000	8.4	36.8	37.3	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.9
≥ 18000	8.4	36.8	37.3	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.9
≥ 16000	8.4	36.8	37.3	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.9
≥ 14000	8.4	36.8	37.3	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.9
≥ 12000	8.5	38.6	39.1	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.7
≥ 10000	9.0	39.1	39.7	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.2
≥ 9000	10.6	40.7	41.2	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.7
≥ 8000	11.1	41.2	41.7	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.2
≥ 7000	11.1	41.2	41.7	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.2
≥ 6000	11.1	41.2	41.7	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.2
≥ 5000	11.1	95.3	95.9	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.4
≥ 4500	11.1	95.3	95.9	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.4
≥ 4000	11.6	96.5	97.0	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.5
≥ 3500	12.4	97.2	97.7	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.2
≥ 3000	13.4	98.2	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.5
≥ 2500	13.6	98.4	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7
≥ 2000	13.7	98.6	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.9
≥ 1800	13.7	98.6	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.9
≥ 1500	13.7	98.6	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.9
≥ 1200	13.7	98.6	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.9
≥ 1000	13.7	98.6	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.9
≥ 900	13.7	98.6	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.9
≥ 800	13.7	98.6	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.9
≥ 700	13.7	98.6	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.9
≥ 600	13.7	98.6	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.9
≥ 500	13.7	98.6	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.9
≥ 400	13.7	98.6	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.9
≥ 300	13.7	98.6	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.9
≥ 200	13.7	98.6	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.9
≥ 100	13.7	98.6	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.9
≥ 0	13.7	98.6	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.9

TOTAL NUMBER OF OBSERVATIONS 774

2

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

167167 HELLENIKON AB GR

73-81

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12
NO CEILING	7.6	35.1	35.4	35.4	35.5	35.5	35.5	35.5	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7
≥ 20000	7.7	35.9	36.1	36.1	36.3	36.3	36.3	36.3	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5
≥ 18000	7.7	35.9	36.1	36.1	36.3	36.3	36.3	36.3	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5
≥ 16000	7.7	35.9	36.1	36.1	36.3	36.3	36.3	36.3	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5
≥ 14000	7.7	35.9	36.1	36.1	36.3	36.3	36.3	36.3	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5
≥ 12000	7.7	38.6	38.8	38.8	39.0	39.0	39.0	39.0	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2
≥ 10000	8.4	39.2	39.5	39.5	39.6	39.6	39.6	39.6	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9
≥ 9000	10.6	41.4	41.7	41.7	41.8	41.8	41.8	41.8	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1
≥ 8000	11.4	42.2	42.5	42.5	42.6	42.6	42.6	42.6	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8
≥ 7000	11.4	42.2	42.5	42.5	42.6	42.6	42.6	42.6	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8
≥ 6000	11.4	42.2	42.5	42.5	42.6	42.6	42.6	42.6	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8
≥ 5000	11.4	97.4	97.7	97.7	97.8	97.8	97.8	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 4500	11.4	97.4	97.7	97.7	97.8	97.8	97.8	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 4000	12.0	98.5	98.7	98.7	98.8	98.8	98.8	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 3500	12.0	98.5	98.7	98.7	98.8	98.8	98.8	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 3000	12.5	99.1	99.4	99.4	99.5	99.5	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 2500	12.5	99.4	99.6	99.6	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	12.5	99.4	99.6	99.6	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	12.5	99.4	99.6	99.6	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	12.5	99.4	99.6	99.6	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	12.5	99.4	99.6	99.6	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	12.5	99.4	99.6	99.6	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	12.5	99.4	99.6	99.6	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	12.5	99.4	99.6	99.6	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	12.5	99.4	99.6	99.6	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	12.5	99.4	99.6	99.6	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	12.5	99.4	99.6	99.6	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	12.5	99.4	99.6	99.6	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	12.5	99.4	99.6	99.6	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	12.5	99.4	99.6	99.6	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	12.5	99.4	99.6	99.6	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	12.5	99.4	99.6	99.6	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 775

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

16716 HELLONIKON AB GR

73-81

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2600-0800

CEILING FEET	VISIBILITY - STATUTE MILES															
	20	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12
NO. CEILING ≥ 20000	17.7	41.6	45.4	47.8	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
≥ 18000	18.1	42.7	46.7	49.1	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4
≥ 16000	18.1	42.7	46.7	49.1	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
≥ 14000	18.1	42.7	46.7	49.1	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
≥ 12000	18.7	45.4	49.5	51.8	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
≥ 10000	19.9	46.9	50.9	53.3	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
≥ 9000	22.0	49.0	53.0	55.4	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
≥ 8000	22.6	49.6	53.7	56.0	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
≥ 7000	22.6	49.6	53.7	56.0	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
≥ 6000	22.6	49.6	53.7	56.0	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
≥ 5000	22.6	89.9	94.0	96.3	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 4500	22.6	89.9	94.0	96.3	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 4000	23.2	90.7	94.8	97.1	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 3500	23.6	91.1	95.2	97.5	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 3000	23.7	91.5	95.7	98.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 2500	24.0	91.8	95.9	98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	24.0	91.8	95.9	98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	24.0	91.8	95.9	98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1600	24.0	91.8	95.9	98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1400	24.0	91.8	95.9	98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	24.0	91.8	95.9	98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	24.0	91.8	95.9	98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	24.0	91.8	95.9	98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	24.0	91.8	95.9	98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	24.0	91.8	95.9	98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	24.0	91.8	95.9	98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	24.0	91.8	95.9	98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	24.0	91.8	95.9	98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	24.0	91.8	95.9	98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	24.0	91.8	95.9	98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	24.0	91.8	95.9	98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	24.0	91.8	95.9	98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 769

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

16 16

HELLENIKON AB JR

73-81

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

3900-1100

CEILING FEET	20	26	31	34	39	42	47	50	55	60	65	70	75	80	85	90	95	100	105	110
≥ 2000	26.8	51.9	56.5	57.1	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	58.0
≥ 1800	28.1	54.1	58.9	59.7	60.6	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.8
≥ 1600	28.1	54.1	58.9	59.7	60.6	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.8
≥ 1400	28.1	54.1	58.9	59.7	60.6	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.8
≥ 1200	28.8	56.5	61.3	62.1	63.0	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.2
≥ 1000	30.2	58.1	63.0	63.9	64.8	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	65.0
≥ 900	31.0	59.2	64.0	64.9	65.8	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	66.0
≥ 800	31.3	59.4	64.2	65.1	66.0	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.3
≥ 700	31.3	59.4	64.2	65.1	66.0	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.3
≥ 600	31.3	59.4	64.2	65.1	66.0	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.3
≥ 500	31.3	91.2	96.1	96.9	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.1
≥ 450	31.6	91.5	96.3	97.2	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.3
≥ 400	32.2	92.2	97.1	98.0	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.1
≥ 350	32.2	92.2	97.1	98.0	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.1
≥ 300	32.4	92.5	97.3	98.2	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.4
≥ 250	32.6	92.9	97.7	98.7	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.9
≥ 200	32.6	92.9	97.7	98.7	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.9
≥ 1800	32.6	92.9	97.7	98.7	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.9
≥ 1600	32.6	92.9	97.7	98.7	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.9
≥ 1400	32.6	92.9	97.7	98.7	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.9
≥ 1200	32.6	92.9	97.7	98.7	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.9
≥ 1000	32.6	92.9	97.7	98.7	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.9
≥ 900	32.6	92.9	97.7	98.7	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.9
≥ 800	32.6	92.9	97.7	98.7	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.9
≥ 700	32.6	92.9	97.7	98.7	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.9
≥ 600	32.6	92.9	97.7	98.7	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.9
≥ 500	32.6	92.9	97.7	98.7	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.9
≥ 400	32.6	92.9	97.7	98.7	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.9
≥ 300	32.6	92.9	97.7	98.7	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.9
≥ 200	32.6	92.9	97.7	98.7	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.9
≥ 100	32.6	92.9	97.7	98.7	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.9
≥ 0	32.6	92.9	97.7	98.7	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.9

TOTAL NUMBER OF OBSERVATIONS 786

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

167167

HELLENIKON AB GR

73-81

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1200-1400

CEILING FEET	210	20	25	24	23	22	21	20	19	18	17	16	15	14	13	12
NO. OF 2 20000	45.3	65.0	65.7	65.7	65.7	65.7	65.7	65.7	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
2 18000	47.8	68.6	69.4	69.4	69.4	69.4	69.4	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
2 16000	48.3	69.2	69.9	69.9	69.9	69.9	69.9	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
2 14000	48.3	69.2	69.9	69.9	69.9	69.9	69.9	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
2 12000	49.1	72.2	72.9	72.9	72.9	72.9	72.9	72.9	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
2 10000	50.2	73.6	74.3	74.3	74.3	74.3	74.3	74.3	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
2 9000	50.8	74.2	75.0	75.0	75.0	75.0	75.0	75.0	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
2 8000	51.1	74.6	75.3	75.3	75.3	75.3	75.3	75.3	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
2 7000	51.1	74.6	75.3	75.3	75.3	75.3	75.3	75.3	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
2 6000	51.1	74.6	75.3	75.3	75.3	75.3	75.3	75.3	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
2 5000	51.1	93.8	94.6	94.6	94.6	94.6	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
2 4500	51.1	93.8	94.6	94.6	94.6	94.6	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
2 4000	53.5	96.6	97.3	97.3	97.3	97.3	97.3	97.3	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
2 3500	54.2	97.3	98.1	98.1	98.1	98.1	98.2	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
2 3000	54.5	97.9	98.6	98.6	98.6	98.6	98.7	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
2 2500	54.5	98.6	99.4	99.4	99.4	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
2 2000	54.7	98.9	99.6	99.6	99.6	99.6	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2 1800	54.7	98.9	99.6	99.6	99.6	99.6	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2 1500	54.7	98.9	99.6	99.6	99.6	99.6	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2 1200	54.7	98.9	99.6	99.6	99.6	99.6	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2 1000	54.7	98.9	99.6	99.6	99.6	99.6	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2 900	54.7	98.9	99.6	99.6	99.6	99.6	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2 800	54.7	98.9	99.6	99.6	99.6	99.6	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2 700	54.7	98.9	99.6	99.6	99.6	99.6	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2 600	54.7	98.9	99.6	99.6	99.6	99.6	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2 500	54.7	98.9	99.6	99.6	99.6	99.6	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2 400	54.7	98.9	99.6	99.6	99.6	99.6	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2 300	54.7	98.9	99.6	99.6	99.6	99.6	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2 200	54.7	98.9	99.6	99.6	99.6	99.6	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2 100	54.7	98.9	99.6	99.6	99.6	99.6	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2 0	54.7	98.9	99.6	99.6	99.6	99.6	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 791

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIP WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

16716

HELLENIKON AB GR

73-81

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .5	≥ .25	≥ .1	≥ .05	≥ .025	≥ .01	≥ .005
NO CEILING	43.6	62.8	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 20000	45.9	66.2	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
≥ 18000	46.1	66.5	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 16000	46.1	66.5	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 14000	46.1	66.5	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 12000	47.8	69.7	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 10000	49.2	71.1	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
≥ 9000	50.8	72.9	73.5	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 8000	51.6	73.6	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
≥ 7000	51.6	73.6	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
≥ 6000	51.6	73.6	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
≥ 5000	51.6	95.4	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 4500	51.8	95.7	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 4000	54.3	98.3	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 3500	54.3	98.3	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 3000	54.6	98.7	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 2500	54.6	99.0	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 2000	54.6	99.0	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1800	54.6	99.0	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1500	54.6	99.0	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1200	54.6	99.0	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1000	54.6	99.0	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 900	54.6	99.0	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 800	54.6	99.0	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 700	54.6	99.0	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 600	54.6	99.0	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	54.6	99.0	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	54.6	99.0	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	54.6	99.0	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 200	54.6	99.0	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 100	54.6	99.0	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 0	54.6	99.0	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS 785

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

167167 HELLENIKON AB GR

73-81

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000

CEILING FEET	VISIBILITY - STATUTE MILES																
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.1	≥0.05	≥0.025	≥0.01	≥0.005	≥0.001
NO CEILING	22.3	43.8	44.8	45.3	45.3	45.4	45.4	45.4	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6
≥ 20000	24.4	47.1	48.1	48.7	48.7	48.9	48.9	48.9	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
≥ 18000	24.4	47.1	48.1	48.7	48.7	48.9	48.9	48.9	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
≥ 16000	24.6	47.2	48.2	48.9	48.9	49.0	49.0	49.0	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1
≥ 14000	24.6	47.2	48.2	48.9	48.9	49.0	49.0	49.0	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1
≥ 12000	24.9	49.6	50.6	51.3	51.3	51.4	51.4	51.4	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
≥ 10000	25.7	50.4	51.4	52.0	52.0	52.2	52.2	52.2	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
≥ 9000	26.6	51.3	52.3	52.9	52.9	53.0	53.0	53.0	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
≥ 8000	27.5	52.2	53.2	53.8	53.8	53.9	53.9	53.9	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
≥ 7000	27.5	52.2	53.2	53.8	53.8	53.9	53.9	53.9	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
≥ 6000	27.5	52.2	53.2	53.8	53.8	53.9	53.9	53.9	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
≥ 5000	27.5	93.8	94.8	95.4	95.4	95.6	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 4500	27.8	94.2	95.2	95.8	95.8	96.1	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 4000	29.2	95.6	96.6	97.2	97.3	97.5	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 3500	29.7	96.2	97.2	97.7	98.0	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 3000	30.3	96.7	98.0	98.6	98.7	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 2500	30.3	97.2	98.5	99.1	99.2	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 2000	30.3	97.2	98.5	99.1	99.2	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1800	30.3	97.2	98.5	99.1	99.2	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1500	30.3	97.2	98.5	99.1	99.2	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1200	30.3	97.2	98.5	99.1	99.2	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1000	30.3	97.2	98.5	99.1	99.2	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 900	30.3	97.2	98.5	99.1	99.2	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 800	30.3	97.2	98.5	99.1	99.2	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 700	30.3	97.3	98.6	99.2	99.4	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 600	30.3	97.3	98.6	99.2	99.4	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	30.3	97.3	98.6	99.2	99.4	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	30.3	97.3	98.6	99.2	99.5	99.6	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	30.4	97.5	98.7	99.4	99.6	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	30.4	97.5	98.7	99.4	99.6	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	30.4	97.5	98.7	99.4	99.6	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	30.4	97.5	98.7	99.4	99.6	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 790

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

16/16 HELLENIKON AB GR

73-81

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2130-2330

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ 0.75	≥ 0.5	≥ 0.25	≥ 0.15	≥ 0.1	≥ 0.05	≥ 0.025	≥ 0.01
NO CEILING	11.3	35.9	36.7	36.7	36.7	36.7	36.7	36.7	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8
≥ 20000	11.4	36.7	37.5	37.5	37.5	37.5	37.5	37.5	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6
≥ 18000	11.5	36.8	37.6	37.6	37.6	37.6	37.6	37.6	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7
≥ 16000	11.5	36.8	37.6	37.6	37.6	37.6	37.6	37.6	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7
≥ 14000	11.5	36.8	37.6	37.6	37.6	37.6	37.6	37.6	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7
≥ 12000	11.6	36.9	39.3	39.3	39.3	39.3	39.3	39.3	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4
≥ 10000	13.3	40.2	40.9	40.9	40.9	40.9	40.9	40.9	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0
≥ 9000	14.8	41.7	42.5	42.5	42.5	42.5	42.5	42.5	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6
≥ 8000	16.0	43.0	43.7	43.7	43.7	43.7	43.7	43.7	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9
≥ 7000	16.0	43.0	43.7	43.7	43.7	43.7	43.7	43.7	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9
≥ 6000	16.0	43.0	43.7	43.7	43.7	43.7	43.7	43.7	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9
≥ 5000	16.0	96.0	96.8	96.8	96.8	96.8	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 4500	16.2	96.3	97.1	97.1	97.1	97.1	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 4000	16.9	97.4	98.2	98.2	98.2	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 3500	17.0	97.6	98.5	98.5	98.5	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 3000	17.0	97.8	98.8	98.8	98.8	98.8	98.8	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 2500	17.3	98.5	99.5	99.5	99.5	99.5	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 2000	17.3	98.5	99.5	99.5	99.5	99.5	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1800	17.3	98.5	99.5	99.5	99.5	99.5	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1500	17.3	98.5	99.5	99.5	99.5	99.5	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1200	17.3	98.6	99.6	99.6	99.6	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1000	17.3	98.6	99.6	99.6	99.6	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 900	17.3	98.6	99.6	99.6	99.6	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 800	17.3	98.6	99.6	99.6	99.6	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	17.3	98.6	99.6	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	17.3	98.6	99.6	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	17.3	98.6	99.6	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	17.3	98.6	99.6	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	17.3	98.6	99.6	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	17.3	98.6	99.6	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	17.3	98.6	99.6	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	17.3	98.6	99.6	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 782

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

167167 HELLENIKON AB GR

73-81

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

ALL

CEILING FEET	VISIBILITY STATUTE MILES															
	20	26	21	24	15	22	10	2	2 1/2	2	1 1/2	1	3/4	1/2	1/4	1/8
NO. OF OBS.	22.9	46.6	48.2	48.6	48.9	48.9	48.9	48.9	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
≥ 2000	24.1	48.6	50.2	50.7	51.0	51.0	51.0	51.0	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
≥ 1800	24.2	48.7	50.3	50.8	51.1	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.3
≥ 1600	24.2	48.7	50.3	50.8	51.1	51.2	51.2	51.2	51.2	51.3	51.3	51.3	51.3	51.3	51.3	51.3
≥ 1400	24.2	48.7	50.3	50.8	51.1	51.2	51.2	51.2	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
≥ 1200	24.7	51.2	52.8	53.3	53.6	53.7	53.7	53.7	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
≥ 1000	25.8	52.4	54.0	54.6	54.9	54.9	54.9	54.9	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
≥ 900	27.3	53.9	55.5	56.0	56.3	56.3	56.3	56.3	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.5
≥ 800	27.9	54.6	56.2	56.7	57.0	57.0	57.0	57.0	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥ 700	27.9	54.6	56.2	56.7	57.0	57.0	57.0	57.0	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥ 600	27.9	54.6	56.2	56.7	57.0	57.0	57.0	57.0	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥ 500	27.9	94.1	95.7	96.3	96.6	96.6	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 450	28.1	94.3	95.9	96.4	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.9
≥ 400	29.2	95.7	97.3	97.9	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.4
≥ 350	29.5	96.1	97.7	98.2	98.5	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 300	29.9	96.6	98.3	98.8	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 250	30.0	97.0	98.7	99.3	99.6	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 200	30.1	97.0	98.7	99.3	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9
≥ 1800	30.1	97.0	98.7	99.3	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9
≥ 1500	30.1	97.0	98.7	99.3	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9
≥ 1200	30.1	97.0	98.8	99.4	99.7	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1000	30.1	97.1	98.8	99.4	99.7	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 900	30.1	97.0	98.8	99.4	99.7	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 800	30.1	97.0	98.8	99.4	99.7	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	30.1	97.1	98.8	99.4	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 600	30.1	97.1	98.8	99.4	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 500	30.1	97.1	98.8	99.4	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 400	30.1	97.1	98.8	99.4	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 300	30.1	97.1	98.8	99.4	99.7	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	30.1	97.1	98.8	99.4	99.7	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	30.1	97.1	98.8	99.4	99.7	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	30.1	97.1	98.8	99.4	99.7	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 6247

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

16716
STATION

HELLENIKON AB GR
STATION NAME

73-81
YEAR

001
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0000-0200
TIME OF DAY

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.1	≥0.05	≥0.025	≥0.01	≥0.005
NO CEILING	12.0	32.0	33.4	33.6	34.0	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5
≥18000	13.9	35.1	36.5	36.8	37.2	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7
≥16000	13.6	35.2	36.7	37.1	37.5	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0
≥14000	13.6	35.2	36.7	37.1	37.5	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0
≥12000	14.1	39.1	40.6	40.9	41.4	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9
≥10000	17.2	42.2	43.7	44.0	44.5	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0
≥9000	20.6	45.5	47.0	47.4	47.9	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
≥8000	21.3	46.3	47.8	48.1	48.6	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1
≥7000	21.3	46.3	47.8	48.1	48.6	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1
≥6000	21.3	46.3	47.8	48.1	48.6	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1
≥5000	21.3	85.7	87.2	87.6	88.1	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥4500	21.5	85.9	87.3	87.7	88.2	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥4000	22.3	88.5	90.0	90.3	90.8	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥3500	23.6	89.8	91.3	91.8	92.4	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥3000	25.6	91.9	93.8	94.3	95.0	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥2500	26.7	93.8	96.0	96.5	97.3	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥2000	27.3	94.5	96.8	97.4	98.1	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥1800	27.3	94.5	96.8	97.4	98.1	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥1500	27.3	94.8	97.0	97.6	98.4	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥1200	27.3	95.7	97.9	98.5	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥1000	27.3	95.7	97.9	98.5	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥900	27.3	95.7	97.9	98.5	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥800	27.3	95.7	97.9	98.5	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥700	27.3	95.7	98.0	98.6	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥600	27.3	95.7	98.0	98.6	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥500	27.3	95.7	98.0	98.6	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥400	27.3	95.7	98.0	98.6	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥300	27.3	95.7	98.0	98.6	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥200	27.3	95.7	98.0	98.6	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥100	27.3	95.7	98.0	98.6	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥0	27.3	95.7	98.0	98.6	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 804

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1616 HELLENIKON AB GR

73-81

007

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0300-0500

CEILING FEET	VISIBILITY STATUTE MILES															
	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4	5	6	7	8	9	10	11
NO FLOOR ≥ 20000	13.2	32.0	33.7	34.9	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.6
≥ 18000	15.8	35.8	37.7	38.9	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.7
≥ 16000	15.8	36.2	38.1	39.3	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	40.0
≥ 14000	15.8	36.2	38.1	39.3	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	40.0
≥ 12000	16.2	40.8	42.6	43.9	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.6
≥ 10000	19.2	43.8	45.6	46.8	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.6
≥ 8000	21.6	46.4	48.2	49.4	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.3
≥ 7000	22.2	47.0	48.8	50.1	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	51.1
≥ 6000	22.2	47.0	48.8	50.1	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	51.1
≥ 5000	22.4	83.4	85.3	86.5	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.5
≥ 4500	22.5	83.6	85.4	86.7	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.6
≥ 4000	23.9	86.5	88.4	89.6	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.6
≥ 3500	25.1	87.9	89.7	91.0	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	92.0
≥ 3000	27.4	90.7	92.8	94.1	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	95.1
≥ 2500	28.2	92.5	95.1	96.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.7
≥ 2000	28.6	92.8	95.6	97.2	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.3
≥ 1800	28.6	92.8	95.6	97.2	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.3
≥ 1500	28.6	92.8	95.6	97.2	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.3
≥ 1200	28.6	93.4	96.4	98.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.1
≥ 1000	28.6	93.4	96.4	98.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.1
≥ 900	28.6	93.4	96.4	98.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.1
≥ 800	28.6	93.4	96.4	98.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.1
≥ 700	28.6	93.6	96.7	98.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.8
≥ 600	28.6	93.6	96.7	98.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.8
≥ 500	28.6	93.6	96.7	98.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.8
≥ 400	28.6	93.7	96.9	98.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 300	28.6	93.7	96.9	98.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 200	28.6	93.7	96.9	98.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 100	28.6	93.7	96.9	98.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 0	28.6	93.7	96.9	98.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 809

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1616
STATIONHELLENIKON AB GR
STATION NAME

73-81

OCT

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800

NO. CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥8	≥6	≥4	≥3	≥2	≥1	≥1/2	≥1/4	≥1/8	≥1/16	≥1/32	≥1/64	≥1/128	≥1/256	≥1/512
NO. CEILING	18.5	32.0	33.8	36.0	37.6	38.0	38.0	38.1	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3
≥ 29000	20.8	36.0	38.3	40.5	42.2	42.6	42.6	42.7	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8
≥ 18000	21.2	36.4	38.6	40.8	42.6	42.9	42.9	43.1	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2
≥ 16000	21.2	36.4	38.6	40.8	42.6	42.9	42.9	43.1	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2
≥ 14000	21.2	36.4	38.6	40.8	42.6	42.9	42.9	43.1	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2
≥ 12000	21.8	41.3	43.7	45.9	47.6	48.0	48.0	48.1	48.2	48.3	48.3	48.3	48.3	48.3	48.3	48.3
≥ 10000	24.5	44.4	46.7	49.0	50.7	51.0	51.0	51.2	51.3	51.4	51.4	51.4	51.4	51.4	51.4	51.4
≥ 9000	27.4	48.1	50.7	52.9	54.6	55.7	55.0	55.1	55.2	55.4	55.4	55.4	55.4	55.4	55.4	55.4
≥ 8000	28.7	49.3	52.0	54.2	56.0	56.7	56.3	56.5	56.6	56.7	56.7	56.7	56.7	56.7	56.7	56.8
≥ 7000	28.8	49.4	52.2	54.4	56.2	56.6	56.6	56.7	56.8	56.9	56.9	56.9	56.9	56.9	56.9	57.1
≥ 6000	28.8	49.4	52.2	54.4	56.2	56.6	56.6	56.7	56.8	56.9	56.9	56.9	56.9	56.9	56.9	57.1
≥ 5000	28.8	77.6	80.3	82.5	84.4	84.7	84.7	84.9	85.0	85.1	85.1	85.1	85.1	85.1	85.2	85.2
≥ 4500	29.2	78.0	80.7	82.9	84.7	85.1	85.1	85.2	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.6
≥ 4000	31.9	83.0	85.7	87.9	90.0	90.4	90.4	90.5	90.7	90.8	90.8	90.8	90.8	90.8	90.9	90.9
≥ 3500	33.5	84.6	87.3	89.5	91.6	92.0	92.0	92.1	92.3	92.4	92.4	92.4	92.4	92.4	92.5	92.5
≥ 3000	35.9	87.2	90.3	92.6	95.0	95.3	95.3	95.4	95.6	95.7	95.7	95.7	95.7	95.7	95.8	95.8
≥ 2500	36.4	88.1	91.6	94.1	96.7	97.0	97.2	97.3	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.7
≥ 2000	36.9	88.6	92.1	94.6	97.3	97.7	97.8	97.9	98.0	98.2	98.2	98.2	98.2	98.2	98.3	98.3
≥ 1800	36.9	88.6	92.1	94.6	97.3	97.7	97.8	97.9	98.0	98.2	98.3	98.3	98.3	98.3	98.3	98.4
≥ 1500	36.9	88.6	92.1	94.6	97.3	97.7	97.8	98.0	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.4
≥ 1200	37.1	89.4	93.1	95.7	98.4	98.8	98.9	99.1	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.5
≥ 1000	37.1	89.4	93.1	95.7	98.4	98.8	98.9	99.1	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.5
≥ 900	37.1	89.4	93.1	95.7	98.4	98.8	98.9	99.1	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.5
≥ 800	37.1	89.4	93.1	95.7	98.4	98.8	98.9	99.1	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.5
≥ 700	37.1	89.4	93.1	95.8	98.5	98.9	99.0	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.6
≥ 600	37.1	89.4	93.1	95.8	98.5	98.9	99.0	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.8
≥ 500	37.1	89.4	93.1	95.8	98.6	99.0	99.1	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.9
≥ 400	37.1	89.4	93.1	95.8	98.6	99.0	99.1	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.9
≥ 300	37.1	89.4	93.1	95.8	98.6	99.0	99.1	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.9
≥ 200	37.1	89.4	93.1	95.8	98.6	99.0	99.1	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.9
≥ 100	37.1	89.4	93.1	95.8	98.6	99.0	99.1	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.9
≥ 0	37.1	89.4	93.1	95.8	98.8	99.1	99.3	99.6	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 813

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

7
2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
A1: WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

16:16: HELLENIKON AB GR

73-81

OCT

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0900-1100

CEILING FEET	VISIBILITY STATISTICS															
	≥ 10	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12
NO CEILING	22.3	37.4	47.2	41.9	42.9	43.0	43.0	43.5	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6
≥ 20000	24.9	41.3	44.8	46.5	47.6	47.7	47.7	48.2	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
≥ 18000	25.9	42.5	46.4	48.1	49.2	49.4	49.4	49.9	50.1	50.1	50.2	50.2	50.2	50.2	50.2	50.2
≥ 16000	25.9	42.5	46.4	48.1	49.2	49.4	49.4	49.9	50.1	50.1	50.2	50.2	50.2	50.2	50.2	50.2
≥ 14000	26.1	42.7	46.5	48.2	49.3	49.6	49.6	50.1	50.2	50.2	50.3	50.3	50.3	50.3	50.3	50.3
≥ 12000	27.9	48.0	52.4	54.1	55.4	55.6	55.6	56.1	56.2	56.2	56.4	56.4	56.4	56.4	56.4	56.4
≥ 10000	29.6	49.8	54.4	56.1	57.5	57.7	57.7	58.2	58.3	58.3	58.4	58.4	58.4	58.4	58.4	58.4
≥ 9000	32.3	52.9	58.2	60.0	61.7	61.9	61.9	62.4	62.5	62.5	62.6	62.6	62.6	62.6	62.6	62.6
≥ 8000	33.3	53.9	59.4	61.3	63.0	63.3	63.3	63.7	63.9	63.9	64.0	64.0	64.0	64.0	64.0	64.0
≥ 7000	33.3	53.9	59.4	61.3	63.0	63.3	63.3	63.7	63.9	63.9	64.0	64.0	64.0	64.0	64.0	64.0
≥ 6000	33.3	53.9	59.4	61.3	63.0	63.3	63.3	63.7	63.9	63.9	64.0	64.0	64.0	64.0	64.0	64.0
≥ 5000	33.5	74.5	80.0	81.9	83.6	83.8	83.8	84.3	84.5	84.5	84.6	84.6	84.6	84.6	84.6	84.6
≥ 4500	34.0	75.0	80.6	82.5	84.2	84.5	84.5	85.0	85.1	85.1	85.2	85.2	85.2	85.2	85.2	85.2
≥ 4000	37.0	80.3	86.2	88.0	90.1	90.4	90.4	90.9	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1
≥ 3500	39.3	82.7	88.7	90.8	92.8	93.1	93.1	93.6	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8
≥ 3000	41.8	85.6	91.5	93.7	95.9	96.2	96.2	96.7	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9
≥ 2500	42.4	86.8	92.8	95.1	97.3	97.5	97.5	98.0	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3
≥ 2000	42.7	87.2	93.2	95.4	97.7	97.9	97.9	98.4	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1800	42.8	87.3	93.3	95.6	97.8	98.0	98.0	98.5	98.6	98.6	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1500	42.9	87.7	93.7	95.9	98.2	98.4	98.4	98.9	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1200	42.9	87.9	94.1	96.4	98.6	98.9	98.9	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1000	42.9	87.9	94.0	96.4	98.6	98.9	98.9	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6
≥ 900	42.9	87.9	94.0	96.4	98.6	98.9	98.9	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6
≥ 800	43.2	88.2	94.2	96.7	98.9	99.1	99.1	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	43.2	88.2	94.2	96.7	98.9	99.1	99.1	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	43.3	88.3	94.3	96.8	99.0	99.3	99.3	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	43.3	88.3	94.3	96.8	99.0	99.3	99.3	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	43.3	88.3	94.3	96.8	99.0	99.3	99.3	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	43.3	88.3	94.3	96.8	99.0	99.3	99.3	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	43.3	88.3	94.3	96.8	99.0	99.3	99.3	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	43.3	88.3	94.3	96.8	99.0	99.3	99.3	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	43.3	88.3	94.3	96.8	99.0	99.3	99.3	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 811

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

16-16 HELLENIKON AB GR

73-81

OCT

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400

CEILING FEET	VISIBILITY, STATUTE MILES															
	≥10	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12
NO CEILING	32.5	43.9	45.0	45.7	45.7	45.7	45.7	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
≥ 20000	37.5	50.6	51.9	52.6	52.7	52.9	52.9	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
≥ 18000	38.8	52.4	53.6	54.3	54.5	54.6	54.6	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
≥ 16000	38.8	52.4	53.6	54.3	54.5	54.6	54.6	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
≥ 14000	39.1	52.5	53.7	54.5	54.6	54.7	54.7	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
≥ 12000	41.9	57.8	59.3	60.0	60.5	60.7	60.7	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
≥ 10000	43.2	59.6	61.4	62.2	62.7	62.8	62.8	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
≥ 9000	46.8	63.2	65.1	65.9	66.4	66.5	66.5	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
≥ 8000	48.0	64.5	66.7	67.6	68.1	68.2	68.2	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 7000	48.0	64.5	66.7	67.6	68.1	68.2	68.2	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 6000	48.7	64.5	66.7	67.6	68.1	68.2	68.2	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 5000	48.9	81.5	83.7	84.6	85.1	85.2	85.2	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 4500	49.1	82.1	84.4	85.2	85.7	85.9	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 4000	52.6	87.3	89.7	90.7	91.4	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 3500	55.7	90.0	92.3	93.4	94.3	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 3000	56.8	92.1	94.5	95.7	96.5	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 2500	57.4	93.5	96.0	97.1	98.0	98.6	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 2000	57.6	93.7	96.2	97.4	98.3	98.9	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1800	57.6	93.7	96.2	97.4	98.3	98.9	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1500	57.6	93.7	96.2	97.4	98.3	99.0	99.0	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1200	57.6	93.9	96.4	97.8	98.6	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1000	57.6	93.9	96.4	97.8	98.6	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 900	57.6	93.9	96.4	97.8	98.6	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 800	57.6	93.9	96.4	97.8	98.6	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 700	57.7	94.0	96.7	98.0	99.0	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	57.7	94.0	96.7	98.0	99.0	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	57.7	94.0	96.7	98.0	99.0	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	57.7	94.0	96.7	98.0	99.0	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	57.7	94.0	96.7	98.0	99.0	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	57.7	94.0	96.7	98.0	99.0	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	57.7	94.0	96.7	98.0	99.0	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	57.7	94.0	96.7	98.0	99.0	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 806

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

16 16 HELLENIKON AB GR

73-81

OCT

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1500-1700

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12
NO. CEILING	30.6	42.4	43.3	43.9	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
≥ 20000	36.3	49.9	51.1	51.7	52.2	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
≥ 18000	36.8	50.4	51.6	52.2	52.7	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8
≥ 16000	36.9	50.6	51.7	52.3	52.8	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
≥ 14000	36.9	50.6	51.7	52.3	52.8	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
≥ 12000	39.5	56.8	58.1	58.7	59.2	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
≥ 10000	42.5	60.2	61.5	62.4	63.0	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
≥ 9000	44.3	62.1	63.5	64.4	65.1	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 8000	44.8	62.7	64.1	65.0	65.7	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
≥ 7000	44.8	62.7	64.1	65.0	65.7	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
≥ 6000	44.8	62.7	64.1	65.0	65.7	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
≥ 5000	45.5	61.1	62.4	63.3	64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
≥ 4500	46.3	61.8	63.2	64.1	64.8	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
≥ 4000	51.1	68.1	70.0	71.0	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
≥ 3500	54.3	71.7	73.4	74.4	75.1	75.2	75.2	75.2	75.2	75.2	75.4	75.4	75.4	75.4	75.4	75.4
≥ 3000	55.3	72.7	74.5	75.5	76.4	76.5	76.5	76.5	76.5	76.5	76.6	76.6	76.6	76.6	76.6	76.6
≥ 2500	56.1	73.9	75.7	76.7	77.6	77.7	77.7	77.7	77.7	77.7	77.9	77.9	77.9	77.9	77.9	77.9
≥ 2000	56.2	74.0	76.0	77.1	78.1	78.2	78.4	78.5	78.5	78.5	78.6	78.6	78.6	78.6	78.6	78.6
≥ 1800	56.2	74.0	76.0	77.1	78.1	78.2	78.4	78.5	78.5	78.5	78.6	78.6	78.6	78.6	78.6	78.6
≥ 1500	56.3	74.1	76.1	77.4	78.4	78.6	78.7	78.9	78.9	78.9	79.1	79.1	79.1	79.1	79.1	79.1
≥ 1200	56.3	74.2	76.2	77.5	78.5	78.7	78.9	79.0	79.0	79.0	79.2	79.2	79.2	79.2	79.2	79.2
≥ 1000	56.3	74.2	76.2	77.5	78.5	78.7	78.9	79.0	79.0	79.0	79.2	79.2	79.2	79.2	79.2	79.2
≥ 900	56.3	74.2	76.2	77.5	78.5	78.7	78.9	79.0	79.0	79.0	79.2	79.2	79.2	79.2	79.2	79.2
≥ 800	56.3	74.2	76.2	77.5	78.5	78.7	78.9	79.0	79.0	79.0	79.2	79.2	79.2	79.2	79.2	79.2
≥ 700	56.3	74.3	76.6	78.0	79.0	79.2	79.4	79.5	79.6	79.6	79.9	79.9	79.9	79.9	79.9	79.9
≥ 600	56.3	74.3	76.6	78.0	79.0	79.2	79.4	79.5	79.6	79.6	79.9	79.9	79.9	79.9	79.9	79.9
≥ 500	56.3	74.3	76.6	78.0	79.0	79.2	79.4	79.5	79.6	79.6	79.9	79.9	79.9	79.9	79.9	79.9
≥ 400	56.5	74.6	76.7	78.1	79.1	79.4	79.5	79.6	79.7	79.7	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	56.5	74.6	76.7	78.1	79.1	79.4	79.5	79.6	79.7	79.7	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	56.5	74.6	76.7	78.1	79.1	79.4	79.5	79.6	79.7	79.7	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	56.5	74.6	76.7	78.1	79.1	79.4	79.5	79.6	79.7	79.7	100.0	100.0	100.0	100.0	100.0	100.0
≥ 50	56.5	74.6	76.7	78.1	79.1	79.4	79.5	79.6	79.7	79.7	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 797

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

16 16
STATION

HELLENIKON AB GR

STATION NAME

73-81

OCT

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1870-2000

		VISIBILITY - STATUTE MILES																
FEET		2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5	8.0	8.5	9.0	10.0	
N	CEILING	21.6	36.7	37.2	37.5	38.3	38.3	38.3	38.3	38.3	38.4	38.4	38.4	38.4	38.4	38.4	38.4	
	27000	26.6	43.4	43.9	44.4	45.2	45.2	45.2	45.2	45.2	45.4	45.4	45.4	45.4	45.4	45.4	45.4	
M	18000	28.2	45.0	45.5	46.0	46.8	46.8	46.8	46.8	46.8	47.0	47.0	47.0	47.0	47.0	47.0	47.0	
	15000	28.2	45.0	45.5	46.0	46.8	46.8	46.8	46.8	46.8	47.0	47.0	47.0	47.0	47.0	47.0	47.0	
L	14000	28.2	45.0	45.5	46.0	46.8	46.8	46.8	46.8	46.8	47.0	47.0	47.0	47.0	47.0	47.0	47.0	
	12000	29.9	50.4	50.9	51.4	52.3	52.3	52.3	52.3	52.3	52.4	52.4	52.4	52.4	52.4	52.4	52.4	
H	10000	32.6	53.2	53.6	54.3	55.1	55.1	55.1	55.1	55.1	55.3	55.3	55.3	55.3	55.3	55.3	55.3	
	9000	35.4	56.1	56.7	57.4	58.2	58.2	58.2	58.2	58.2	58.3	58.3	58.3	58.3	58.3	58.3	58.3	
V	8000	36.0	56.9	57.5	58.1	59.0	59.0	59.0	59.0	59.0	59.2	59.2	59.2	59.2	59.2	59.2	59.2	
	7000	36.2	57.1	57.7	58.3	59.2	59.2	59.2	59.2	59.2	59.5	59.5	59.5	59.5	59.5	59.5	59.5	
W	6000	36.2	57.1	57.7	58.3	59.2	59.2	59.2	59.2	59.2	59.5	59.5	59.5	59.5	59.5	59.5	59.5	
	5000	36.3	83.9	84.5	85.2	86.0	86.0	86.0	86.0	86.0	86.3	86.3	86.3	86.3	86.3	86.3	86.3	
D	4500	36.7	84.3	84.9	85.5	86.4	86.4	86.4	86.4	86.4	86.7	86.7	86.7	86.7	86.7	86.7	86.7	
	4000	40.2	89.6	90.4	91.1	92.1	92.1	92.1	92.1	92.1	92.3	92.3	92.3	92.3	92.3	92.3	92.3	
T	3500	42.6	92.3	93.1	93.8	94.9	94.9	94.9	94.9	94.9	95.2	95.2	95.2	95.2	95.2	95.2	95.2	
	3000	43.9	93.8	94.6	95.4	96.5	96.5	96.5	96.5	96.5	96.8	96.8	96.8	96.8	96.8	96.8	96.8	
B	2500	44.5	95.1	95.9	97.0	98.3	98.3	98.3	98.3	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	
	2000	44.7	95.3	96.2	97.3	98.5	98.5	98.5	98.5	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8	
C	1800	44.7	95.3	96.2	97.3	98.5	98.5	98.5	98.5	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8	
	1500	44.9	95.4	96.3	97.7	99.0	99.0	99.0	99.0	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	
A	1200	45.1	95.9	97.0	98.4	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	
	1000	45.0	95.9	97.0	98.4	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	
S	900	45.0	95.9	97.0	98.4	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	
	800	45.1	95.9	97.0	98.4	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	
U	700	45.1	95.9	97.0	98.4	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	
	600	45.0	95.9	97.0	98.4	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	
X	500	45.0	95.9	97.0	98.4	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	
	400	45.0	95.9	97.0	98.4	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	
Y	300	45.0	95.9	97.0	98.4	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	
	200	45.0	95.9	97.0	98.4	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	
Z	100	45.0	95.9	97.0	98.4	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	
	0	45.0	95.9	97.0	98.4	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS 809

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

16716
STATION

HELLENIKON AB GR
STATION NAME

73-81
YEAR

OCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

2100-2300
TIME

CEILING FEET	VISIBILITY STATISTICS															
	20	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12
NO. CEILING	15.4	34.1	34.3	34.4	34.9	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0
≥ 20000	18.5	38.2	38.5	38.6	39.2	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3
≥ 18000	18.6	38.4	38.6	38.7	39.3	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5
≥ 16000	18.6	38.4	38.6	38.7	39.3	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5
≥ 14000	18.6	38.4	38.6	38.7	39.3	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5
≥ 12000	19.2	43.4	43.6	43.8	44.4	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5
≥ 10000	21.9	46.3	46.6	46.7	47.3	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4
≥ 9000	24.8	49.3	49.5	49.6	50.2	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4
≥ 8000	26.5	51.1	51.5	51.6	52.2	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
≥ 7000	26.5	51.1	51.6	51.7	52.3	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
≥ 6000	26.5	51.1	51.6	51.7	52.3	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
≥ 5000	26.6	87.7	88.2	88.4	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 4500	27.0	88.1	88.6	88.7	89.3	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 4000	27.9	90.6	91.1	91.2	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 3500	29.9	92.6	93.1	93.3	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 3000	31.5	94.2	95.0	95.3	96.2	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 2500	32.4	95.5	96.4	96.9	98.0	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 2000	32.5	95.8	96.8	97.3	98.4	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1800	32.5	95.8	96.8	97.3	98.4	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1500	32.7	96.1	97.1	97.5	98.8	99.1	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1200	32.7	96.4	97.4	97.9	99.1	99.5	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1000	32.7	96.4	97.4	97.9	99.1	99.5	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 900	32.7	96.4	97.4	97.9	99.1	99.5	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 800	32.7	96.4	97.4	97.9	99.1	99.5	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 700	32.7	96.4	97.5	98.0	99.3	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	32.7	96.4	97.5	98.0	99.3	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	32.7	96.4	97.5	98.0	99.3	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	32.7	96.4	97.5	98.0	99.3	99.6	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	32.7	96.4	97.5	98.0	99.3	99.6	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	32.7	96.4	97.5	98.0	99.3	99.6	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	32.7	96.4	97.5	98.0	99.3	99.6	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	32.7	96.4	97.5	98.0	99.3	99.6	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 816

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

16716 HELLNIKON AB GR

73-81

OCT

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .5	≥ .3	≥ .2	≥ .1	≥ .05	≥ .01	≥ .00
NO CEILING	20.3	36.3	37.6	38.5	39.2	39.3	39.3	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4
≥ 20000	24.2	41.3	42.8	43.7	44.5	44.6	44.6	44.7	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8
≥ 18000	24.8	42.0	43.6	44.5	45.3	45.5	45.5	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6
≥ 16000	24.8	42.1	43.6	44.6	45.3	45.5	45.5	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.7
≥ 14000	24.9	42.1	43.7	44.6	45.3	45.5	45.5	45.6	45.6	45.7	45.7	45.7	45.7	45.7	45.7	45.7
≥ 12000	26.3	47.2	48.9	49.8	50.6	50.8	50.8	50.9	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
≥ 10000	28.8	49.9	51.7	52.7	53.5	53.7	53.7	53.8	53.8	53.8	53.9	53.9	53.9	53.9	53.9	53.9
≥ 9000	31.6	52.9	54.8	55.9	56.8	57.0	57.0	57.0	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥ 8000	32.6	53.9	56.0	57.0	57.9	58.1	58.1	58.2	58.2	58.3	58.3	58.3	58.3	58.3	58.3	58.3
≥ 7000	32.6	54.0	56.0	57.0	58.0	58.2	58.2	58.3	58.3	58.4	58.4	58.4	58.4	58.4	58.4	58.4
≥ 6000	32.6	54.0	56.0	57.0	58.0	58.2	58.2	58.3	58.3	58.4	58.4	58.4	58.4	58.4	58.4	58.4
≥ 5000	32.9	81.9	84.0	85.0	86.0	86.1	86.1	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.4
≥ 4500	33.2	82.3	84.4	85.4	86.4	86.6	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.8
≥ 4000	35.8	86.8	88.9	90.0	91.1	91.3	91.3	91.4	91.4	91.4	91.5	91.5	91.5	91.5	91.5	91.5
≥ 3500	37.9	89.0	91.1	92.2	93.4	93.6	93.6	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 3000	39.7	91.0	93.4	94.6	95.8	96.0	96.0	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.3	96.3
≥ 2500	40.5	92.4	95.0	96.3	97.6	97.9	97.9	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 2000	40.8	92.7	95.3	96.7	98.1	98.3	98.4	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.7
≥ 1800	40.8	92.7	95.4	96.7	98.1	98.4	98.4	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.7	98.7
≥ 1500	40.9	92.9	95.5	96.9	98.3	98.6	98.7	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	99.0
≥ 1200	40.9	93.4	96.1	97.5	98.9	99.2	99.3	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1000	40.9	93.4	96.1	97.5	98.9	99.2	99.3	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6
≥ 900	40.9	93.4	96.1	97.5	98.9	99.2	99.3	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6
≥ 800	40.9	93.4	96.1	97.6	98.9	99.3	99.3	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6
≥ 700	40.9	93.5	96.2	97.8	99.2	99.3	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9
≥ 600	41.0	93.5	96.2	97.8	99.2	99.3	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	41.0	93.5	96.2	97.8	99.2	99.3	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	41.0	93.5	96.3	97.8	99.3	99.6	99.6	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	41.0	93.5	96.3	97.8	99.3	99.6	99.6	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	41.0	93.5	96.3	97.8	99.3	99.6	99.6	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	41.0	93.5	96.3	97.8	99.3	99.6	99.6	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	41.0	93.5	96.3	97.8	99.3	99.6	99.6	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 6467

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

16716 HELLENIKON AB GR

73-81

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0000-0200

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .75	≥ .5	≥ .25	≥ .15	≥ .1	≥ .05	≥ .01
NO. CEILING	16.9	33.7	35.3	35.8	35.8	35.8	35.8	35.8	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9
≥ 20000	18.5	36.4	38.2	38.7	38.7	38.7	38.7	38.7	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8
≥ 18000	18.8	36.8	38.7	39.2	39.2	39.2	39.2	39.2	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4
≥ 16000	18.8	36.8	38.7	39.2	39.2	39.2	39.2	39.2	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4
≥ 14000	18.8	36.8	38.7	39.2	39.2	39.2	39.2	39.2	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4
≥ 12000	20.0	42.4	44.5	45.0	45.0	45.0	45.0	45.0	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1
≥ 10000	22.8	45.3	47.3	47.8	47.8	47.8	47.8	47.8	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9
≥ 9000	27.6	50.4	52.7	53.2	53.2	53.2	53.2	53.2	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
≥ 8000	29.1	52.1	54.4	54.9	54.9	54.9	54.9	54.9	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
≥ 7000	29.2	52.2	54.5	55.0	55.0	55.0	55.0	55.0	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
≥ 6000	29.2	52.2	54.5	55.0	55.0	55.0	55.0	55.0	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
≥ 5000	29.2	80.1	82.4	82.9	82.9	82.9	82.9	82.9	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 4500	29.7	80.6	82.9	83.5	83.5	83.5	83.5	83.5	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 4000	32.7	86.3	88.6	89.4	89.4	89.4	89.4	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 3500	33.7	87.4	90.1	90.6	90.6	90.6	90.6	90.6	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 3000	35.8	90.1	92.9	93.5	93.5	93.5	93.5	93.5	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 2500	37.4	92.7	95.5	96.2	96.7	96.7	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 2000	37.9	93.3	96.3	96.9	97.4	97.4	97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 1800	37.9	93.3	96.3	96.9	97.4	97.4	97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 1500	38.1	93.5	96.5	97.2	97.7	97.7	97.7	97.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 1200	38.3	94.2	97.6	98.3	99.0	99.0	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1000	38.3	94.2	97.6	98.3	99.0	99.0	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 900	38.3	94.2	97.6	98.3	99.0	99.0	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 800	38.3	94.2	97.6	98.3	99.0	99.0	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 700	38.3	94.7	98.1	98.6	99.6	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	38.5	94.9	98.2	99.0	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	38.5	94.9	98.2	99.0	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	38.5	94.9	98.2	99.0	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	38.5	94.9	98.2	99.0	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	38.5	94.9	98.2	99.0	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	38.5	94.9	98.2	99.0	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 50	38.5	94.9	98.2	99.0	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 20	38.5	94.9	98.2	99.0	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 780

7
2GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

16-16
STATION

HELLENIKON AB GR

STATION NAME

73-81

YEAR

NOV

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500

CEILING FEET	VISIBILITY, STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .75	≥ .5	≥ .25	≥ .1	≥ .05	≥ .01	≥ 0
NO CEILING	15.7	32.7	34.4	35.1	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4
≥ 2000	17.3	36.2	38.3	38.9	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3
≥ 1800	17.5	36.4	38.4	39.1	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5
≥ 1600	17.5	36.4	38.4	39.1	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5
≥ 1400	17.5	36.4	38.4	39.1	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5
≥ 1200	19.0	42.3	44.5	45.1	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5
≥ 1000	22.0	45.5	47.7	48.4	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8
≥ 900	26.1	49.8	52.0	52.7	53.0	53.0	53.0	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
≥ 800	28.3	52.0	54.5	55.1	55.5	55.5	55.5	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
≥ 700	28.5	52.1	54.6	55.2	55.6	55.6	55.6	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
≥ 600	28.5	52.1	54.6	55.2	55.6	55.6	55.6	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
≥ 500	28.7	78.5	81.7	81.6	82.0	82.0	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
≥ 450	29.1	78.8	81.2	81.9	82.3	82.3	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥ 400	32.3	84.7	87.5	88.5	89.0	89.0	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 350	33.8	86.3	89.1	90.2	90.7	90.7	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 300	36.0	89.1	92.5	93.8	94.3	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 250	37.4	91.2	94.7	96.1	96.8	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 200	37.5	91.3	95.2	96.8	97.4	97.4	97.4	97.5	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 1800	37.6	91.5	95.3	96.9	97.5	97.5	97.5	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 1500	37.6	91.6	95.5	97.0	97.7	97.7	97.7	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 1200	37.8	92.5	96.4	98.1	98.7	98.7	98.7	98.8	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1000	37.8	92.5	96.4	98.1	98.7	98.7	98.7	98.8	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 900	37.8	92.5	96.4	98.1	98.7	98.7	98.7	98.8	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 800	37.9	92.6	96.6	98.3	99.0	99.0	99.0	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 700	38.1	93.1	97.2	98.8	99.7	99.7	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	38.1	93.1	97.2	98.8	99.7	99.7	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	38.0	93.1	97.2	98.8	99.7	99.7	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	38.0	93.1	97.2	98.8	99.7	99.7	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	38.0	93.1	97.2	98.8	99.7	99.7	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	38.0	93.1	97.2	98.8	99.7	99.7	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	38.0	93.1	97.2	98.8	99.7	99.7	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	38.0	93.1	97.2	98.8	99.7	99.7	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

773

USAF ETAC

FORM
10-44

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

16716 HELLENIKON AB GR

73-81

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

3600-0800

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	17.2	29.0	31.8	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.6	32.6
≥ 20000	20.1	33.3	36.9	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.7	37.7
≥ 18000	20.1	33.5	37.1	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.8	37.8
≥ 16000	20.1	33.5	37.1	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.8	37.8
≥ 14000	20.1	33.5	37.1	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.8	37.8
≥ 12000	21.8	39.8	43.5	44.1	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.4	44.4
≥ 10000	25.4	43.5	47.4	48.0	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.3	48.3
≥ 9000	31.1	49.5	53.4	54.1	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.3	54.3
≥ 8000	33.5	51.9	55.9	56.5	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.8	56.8
≥ 7000	33.5	51.9	55.9	56.5	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.8	56.8
≥ 6000	33.5	51.9	55.9	56.5	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.8	56.8
≥ 5000	33.6	74.9	78.9	79.5	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.8	79.8
≥ 4500	34.1	75.4	79.4	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.3	80.3
≥ 4000	38.7	83.1	87.6	88.4	88.5	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.8	88.9
≥ 3500	41.2	85.6	90.2	91.0	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.4	91.5
≥ 3000	43.4	88.7	93.6	94.5	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.9	95.0	95.1
≥ 2500	44.8	91.0	96.0	96.9	97.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.4	97.4	97.6	97.7
≥ 2000	45.2	91.6	96.7	97.6	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.2	98.2	98.3	98.5
≥ 1800	45.2	91.6	96.7	97.6	97.9	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.5	98.5	98.6	98.7
≥ 1500	45.2	91.6	96.7	97.6	97.9	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.5	98.5	98.6	98.7
IV 1200	45.4	92.1	97.3	98.2	98.6	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.2	99.2	99.4	99.5
IV 1000	45.4	92.1	97.3	98.2	98.6	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.2	99.2	99.4	99.5
IV 900	45.4	92.1	97.3	98.2	98.6	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.2	99.2	99.4	99.5
IV 800	45.4	92.1	97.4	98.3	98.7	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.4	99.4	99.5	99.6
IV 700	45.4	92.5	97.8	98.7	99.1	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.9	99.9
IV 600	45.4	92.5	97.8	98.7	99.1	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.9	99.9
IV 500	45.4	92.5	97.8	98.7	99.1	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.9	99.9
IV 400	45.4	92.5	97.8	98.7	99.1	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.9	99.9
IV 300	45.4	92.5	97.8	98.7	99.1	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.9	99.9
IV 200	45.4	92.5	97.8	98.7	99.1	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.9	99.9
IV 100	45.4	92.5	97.8	98.7	99.1	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.9	99.9
IV 0	45.4	92.5	97.8	98.7	99.1	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 777

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AFW WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

16 16

HELLENIKON AB GR

73-81

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

9900-1100

CEILING FEET	VISIBILITY - STATUTE MILES															
	210	26	24	24	24	27	27	27	27	27	27	27	27	27	27	27
NO. CEILING	27.2	39.1	40.7	41.0	41.3	41.3	41.3	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
≥ 20000	33.8	48.2	50.3	51.0	51.2	51.2	51.2	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
≥ 18000	34.6	48.9	51.1	51.7	52.0	52.0	52.0	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1
≥ 16000	34.6	48.9	51.1	51.7	52.0	52.0	52.0	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1
≥ 14000	34.7	49.0	51.2	51.8	52.1	52.1	52.1	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
≥ 12000	36.6	55.4	57.9	58.7	59.1	59.2	59.2	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
≥ 10000	40.2	59.2	62.1	62.9	63.5	63.7	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
≥ 9000	41.8	60.9	63.8	64.5	65.2	65.3	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
≥ 8000	43.5	62.8	65.8	66.7	67.5	67.6	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 7000	44.1	63.4	66.5	67.3	68.1	68.2	68.2	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 6000	44.1	63.4	66.5	67.3	68.1	68.2	68.2	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 5000	44.5	76.4	79.4	80.3	81.1	81.2	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 4500	45.4	77.4	80.4	81.3	82.1	82.2	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 4000	50.3	84.6	88.1	89.2	90.1	90.2	90.3	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 3500	51.3	85.6	89.1	90.3	91.2	91.4	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 3000	54.7	88.3	91.9	93.1	94.4	94.7	95.0	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 2500	54.8	89.2	92.8	94.2	95.8	96.1	96.4	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 2000	56.2	90.6	94.4	95.9	97.6	97.8	98.2	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 1800	56.3	90.7	94.5	96.1	97.7	98.0	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1500	56.3	90.7	94.5	96.1	97.7	98.0	98.3	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1200	56.3	91.0	94.8	96.3	98.2	98.5	98.9	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1000	56.3	91.0	94.8	96.3	98.2	98.5	98.9	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 900	56.3	91.0	94.8	96.3	98.2	98.5	98.9	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 800	56.3	91.0	94.8	96.3	98.2	98.5	98.9	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 700	56.3	91.2	95.0	96.7	98.6	98.9	99.2	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	56.3	91.2	95.0	96.7	98.6	98.9	99.2	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	56.3	91.2	95.0	96.7	98.6	98.9	99.2	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	56.3	91.2	95.0	96.7	98.6	98.9	99.2	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	56.3	91.2	95.0	96.7	98.6	98.9	99.2	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	56.3	91.2	95.0	96.7	98.6	98.9	99.2	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	56.3	91.4	95.2	96.8	98.7	99.0	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	56.3	91.4	95.2	96.8	98.7	99.0	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 787

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

16.16 HELLENIKON AB GR

73-81

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1200-1400

CEILING FEET	≥10	26	33	44	55	66	77	88	99	100	111	122	133	144	155	166	177	188	199	200
≥25000	37.2	44.9	44.9	44.9	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1
≥18000	45.2	54.7	54.7	54.8	55.1	55.1	55.1	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
≥16000	46.1	55.4	55.4	55.6	55.8	55.8	55.8	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
≥14000	46.1	55.4	55.4	55.6	55.8	55.8	55.8	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
≥12000	49.2	62.6	62.8	63.0	63.2	63.2	63.2	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥10000	52.3	66.3	66.6	66.7	67.0	67.0	67.0	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥9000	54.8	68.3	68.7	68.8	69.2	69.2	69.2	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
≥8000	56.5	70.1	70.7	71.0	71.4	71.4	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
≥7000	56.5	70.1	70.7	71.0	71.4	71.4	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
≥6000	56.5	70.1	70.7	71.0	71.4	71.4	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
≥5000	56.6	79.4	87.1	80.3	80.7	80.7	80.7	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥4500	57.1	79.8	80.6	80.8	81.2	81.2	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥4000	62.6	88.2	89.1	89.4	89.8	89.8	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥3500	64.6	90.4	91.2	91.6	92.2	92.2	92.2	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥3000	66.6	92.4	93.3	93.7	94.4	94.7	94.7	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥2500	67.7	94.3	95.6	96.0	96.8	97.0	97.0	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥2000	68.8	95.3	96.6	97.0	97.9	98.2	98.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥1800	69.0	95.6	96.9	97.3	98.2	98.4	98.4	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥1500	69.0	95.6	96.9	97.3	98.3	98.6	98.6	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥1200	69.0	95.9	97.2	97.5	98.6	98.8	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥1000	69.1	95.9	97.2	97.5	98.7	99.0	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥900	69.0	95.9	97.2	97.5	98.7	99.0	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥800	69.1	95.9	97.2	97.5	98.7	99.0	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥700	69.0	95.9	97.2	97.7	98.8	99.1	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥600	69.0	95.9	97.2	97.7	98.8	99.1	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥500	69.0	95.9	97.2	97.7	98.8	99.1	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥400	69.0	95.9	97.2	97.9	99.2	99.5	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥300	69.0	95.9	97.2	97.9	99.2	99.5	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥200	69.0	95.9	97.2	97.9	99.2	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥100	69.0	95.9	97.2	97.9	99.2	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥50	69.0	95.9	97.2	97.9	99.2	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥25	69.0	95.9	97.2	97.9	99.2	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥10	69.0	95.9	97.2	97.9	99.2	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 772

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

16-16 HELLENIKON AB GR

73-81

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1530-1700

CEILING FEET		VISIBILITY STATUTE MILES															
		20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35
12000	12000	36.6	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3
10000	10000	45.3	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
8000	8000	45.8	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
6000	6000	46.1	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
4000	4000	49.0	62.5	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
3000	3000	52.1	65.7	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
2000	2000	54.7	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
1800	1800	56.0	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
1600	1600	56.1	69.7	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
1400	1400	56.1	69.7	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
1200	1200	56.1	69.7	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
1000	1000	56.1	69.7	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
800	800	56.1	69.7	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
600	600	56.1	69.7	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
400	400	56.1	69.7	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
200	200	56.1	69.7	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
100	100	56.1	69.7	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
50	50	56.1	69.7	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
25	25	56.1	69.7	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
10	10	56.1	69.7	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
5	5	56.1	69.7	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
2	2	56.1	69.7	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
1	1	56.1	69.7	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
0	0	56.1	69.7	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8

TOTAL NUMBER OF OBSERVATIONS 779

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

16/16
STATION

HELLENIKON AB GR
STATION NAME

73-81

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

2100-2300

CEILING FEET	VISIBILITY STAT. MILES															
	≥10	20	25	24	20	20	20	20	20	20	20	20	20	20	20	20
NO. CEILING	21.6	37.2	37.7	37.7	37.8	37.8	37.8	37.8	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1
2 20000	23.5	40.7	41.3	41.3	41.5	41.5	41.5	41.5	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7
2 18000	24.4	41.6	42.2	42.2	42.4	42.4	42.4	42.4	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6
2 16000	24.4	41.6	42.2	42.2	42.4	42.4	42.4	42.4	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6
2 14000	24.5	41.7	42.4	42.4	42.5	42.5	42.5	42.5	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
2 12000	26.3	47.9	48.7	48.7	48.8	48.8	48.8	48.8	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1
2 10000	30.5	52.3	53.1	53.1	53.2	53.2	53.2	53.2	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5
2 9000	34.3	56.5	57.3	57.3	57.4	57.4	57.4	57.4	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
2 8000	34.9	57.3	58.2	58.2	58.3	58.3	58.3	58.3	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
2 7000	34.9	57.3	58.2	58.2	58.4	58.4	58.4	58.4	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
2 6000	34.9	57.3	58.2	58.2	58.4	58.4	58.4	58.4	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
2 5000	35.1	83.9	84.8	84.8	85.1	85.1	85.1	85.1	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
2 4500	35.7	84.5	85.3	85.3	85.6	85.6	85.6	85.6	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
2 4000	38.1	88.7	89.6	89.6	90.0	90.0	90.0	90.0	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
2 3500	39.9	90.9	91.8	91.8	92.2	92.2	92.2	92.2	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
2 3000	42.4	93.7	95.1	95.1	95.6	95.6	95.6	95.6	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
2 2500	43.6	95.6	97.0	97.3	97.9	97.9	97.9	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
2 2000	43.7	95.8	97.3	97.9	98.4	98.4	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
2 1800	43.7	95.8	97.3	97.9	98.4	98.4	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
2 1500	43.7	95.8	97.3	98.0	98.5	98.5	98.5	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
2 1200	43.7	96.5	98.0	98.7	99.2	99.2	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
2 1000	43.7	96.5	98.0	98.7	99.2	99.2	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
2 900	43.7	96.5	98.0	98.7	99.2	99.2	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
2 800	43.7	96.5	98.1	98.7	99.2	99.2	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
2 700	43.7	96.5	98.2	99.0	99.5	99.5	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
2 600	43.7	96.5	98.2	99.0	99.5	99.5	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
2 500	43.7	96.5	98.2	99.0	99.5	99.5	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
2 400	43.7	96.5	98.2	99.0	99.6	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
2 300	43.7	96.5	98.2	99.0	99.6	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
2 200	43.7	96.5	98.2	99.0	99.6	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
2 100	43.7	96.5	98.2	99.0	99.6	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
2 50	43.7	96.5	98.2	99.0	99.6	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 791

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AF- WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

16716

HELLENIKON AB GR

73-81

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

ALL

CEILING FEET	VISIBILITY - STATUTE MILES															
	>10	20	25	24	23	22	21	20	19	18	17	16	15	14	13	12
NO CEILING	25.2	37.9	39.0	39.2	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4
≥ 21000	30.0	44.3	45.6	45.9	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.2	46.2	46.2
≥ 18000	30.5	44.8	46.2	46.5	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.8	46.8	46.8
≥ 15000	30.5	44.8	46.2	46.5	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.8	46.8	46.8
≥ 14000	30.6	45.0	46.4	46.7	46.8	46.8	46.8	46.8	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9
≥ 12000	32.7	51.2	52.8	53.1	53.2	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.4	53.4	53.4
≥ 11000	36.1	54.7	56.3	56.6	56.8	56.8	56.8	56.8	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
≥ 9000	39.3	58.2	59.8	60.2	60.4	60.4	60.4	60.4	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
≥ 8000	40.8	59.7	61.5	61.9	62.1	62.1	62.1	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
≥ 7000	40.9	59.9	61.7	62.0	62.3	62.3	62.3	62.3	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
≥ 6000	40.9	59.9	61.7	62.0	62.3	62.3	62.3	62.3	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
≥ 5000	41.1	79.2	81.1	81.4	81.6	81.6	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 4500	41.6	79.8	81.6	81.9	82.2	82.2	82.2	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 4000	45.8	86.5	88.5	89.1	89.3	89.4	89.4	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 3500	47.8	88.7	90.7	91.2	91.6	91.6	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.8	91.8	91.8
≥ 3000	50.0	91.2	93.6	94.2	94.6	94.7	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 2500	51.3	93.2	95.7	96.4	97.0	97.1	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.4	97.4	97.4
≥ 2000	51.9	93.8	96.4	97.2	97.8	98.0	98.0	98.1	98.2	98.2	98.2	98.2	98.2	98.3	98.3	98.3
≥ 1800	52.0	93.9	96.5	97.3	97.9	98.0	98.1	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.4
≥ 1500	52.0	93.9	96.6	97.3	98.0	98.1	98.2	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 1200	52.0	94.6	97.3	98.1	98.8	99.0	99.0	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1000	52.0	94.6	97.3	98.1	98.8	99.0	99.0	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.4
≥ 900	52.0	94.6	97.3	98.1	98.8	99.0	99.0	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.4
≥ 800	52.1	94.6	97.3	98.1	98.9	99.0	99.1	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 700	52.1	94.9	97.6	98.5	99.3	99.5	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9
≥ 600	52.1	94.9	97.6	98.5	99.3	99.5	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9
≥ 500	52.1	94.9	97.6	98.5	99.4	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 400	52.1	94.9	97.6	98.6	99.4	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 300	52.1	94.9	97.6	98.6	99.4	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 200	52.1	94.9	97.6	98.6	99.4	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 100	52.1	94.9	97.7	98.6	99.4	99.6	99.6	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	52.1	94.9	97.7	98.6	99.4	99.6	99.6	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 6250

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
ATC WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

16716
STATION

HELLENIKON AB GR
STATION NAME

73-81
YEAR

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0000-0200
TIME OF DAY

CEILING FEET	VISIBILITY - STATUTE MILES															
	20	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12
NO CEILING	17.9	32.8	33.7	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0
≥ 29000	20.1	35.9	37.0	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4
≥ 18000	20.2	36.1	37.1	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5
≥ 16000	20.2	36.1	37.1	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5
≥ 14000	20.2	36.1	37.1	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5
≥ 12000	21.3	42.4	43.5	43.8	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0
≥ 10000	26.1	47.5	48.6	49.0	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1
≥ 9000	30.3	52.1	53.2	53.6	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
≥ 8000	31.3	53.1	54.4	54.8	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9
≥ 7000	31.3	53.1	54.6	54.9	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
≥ 6000	31.3	53.1	54.6	54.9	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
≥ 5000	31.4	74.5	76.0	76.5	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 4500	31.4	74.5	76.0	76.6	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥ 4000	35.0	82.8	84.5	85.4	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 3500	38.9	87.1	89.0	90.0	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 3000	43.1	91.5	93.8	94.8	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 2500	43.8	93.2	95.5	96.7	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 2000	44.3	93.9	96.2	97.7	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1800	44.3	93.9	96.2	97.7	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1500	44.6	94.3	96.6	98.1	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1200	44.6	94.6	97.1	98.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1000	44.7	94.8	97.2	98.7	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 900	44.7	94.8	97.2	98.7	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 800	44.7	94.8	97.2	98.7	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 700	44.7	94.9	97.3	98.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	44.7	94.9	97.3	98.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	44.7	94.9	97.3	98.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	44.7	94.9	97.3	98.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	44.7	94.9	97.3	98.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	44.7	94.9	97.3	98.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	44.7	94.9	97.3	98.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	44.7	94.9	97.3	98.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 821

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

16 16 HELLENIKON AB GR

73-81

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0300-0500

CEILING FEET	VISIBILITY - STATUTE MILES															
	210	20	25	24	23	22	21	20	19	18	17	16	15	14	13	12
NO REPORT	17.2	32.1	33.0	33.4	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7
≥ 20000	20.2	36.6	38.0	38.3	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7
≥ 18000	20.3	36.8	38.2	38.6	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0
≥ 16000	20.3	36.8	38.2	38.6	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0
≥ 14000	20.3	36.8	38.2	38.6	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0
≥ 12000	21.0	44.0	45.3	45.9	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4
≥ 10000	26.7	50.2	51.7	52.1	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
≥ 9000	30.5	54.5	56.0	56.3	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
≥ 8000	32.5	56.6	58.1	58.4	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
≥ 7000	32.9	57.1	58.6	58.9	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
≥ 6000	32.9	57.1	58.6	58.9	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
≥ 5000	32.9	57.1	58.6	58.9	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
≥ 4500	33.1	76.2	77.7	78.0	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 4000	35.1	82.6	84.2	84.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 3500	39.5	86.6	88.2	88.6	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 3000	42.8	90.6	92.8	93.9	95.5	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 2500	43.7	92.2	94.7	95.9	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 2000	43.8	92.3	94.8	96.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1800	43.8	92.3	94.8	96.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1500	43.8	92.3	94.8	96.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1200	43.8	92.6	95.4	96.8	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1000	43.9	92.7	95.5	96.9	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 900	43.9	92.7	95.5	96.9	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 800	43.9	92.7	95.5	96.9	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 700	43.9	92.9	96.2	97.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	43.9	92.9	96.2	97.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	43.9	92.9	96.2	97.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	43.9	93.1	96.3	97.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	43.9	93.1	96.3	97.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	43.9	93.1	96.3	97.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	43.9	93.1	96.3	97.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	43.9	93.1	96.3	97.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 806

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

16 16 HELLNIKON AB GR

73-81

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800

CEILING FEET	VISIBILITY STATISTICAL VALUES															
	≥10	20	25	24	23	22	21	20	19	18	17	16	15	14	13	12
NO CEILING	27.6	30.3	32.1	32.5	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7
≥ 20000	23.6	35.0	36.8	37.2	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5
≥ 18000	24.0	35.6	37.5	37.8	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1
≥ 16000	24.0	35.6	37.5	37.8	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1
≥ 14000	24.1	35.7	37.6	38.0	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2
≥ 12000	25.1	41.1	43.1	43.4	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9
≥ 10000	30.5	46.7	48.7	49.1	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6
≥ 9000	35.6	52.1	54.1	54.4	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9
≥ 8000	36.6	53.2	55.2	55.6	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
≥ 7000	36.6	53.2	55.2	55.6	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
≥ 6000	36.6	53.2	55.2	55.6	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
≥ 5000	36.6	72.9	74.9	75.3	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 4500	36.8	73.2	75.2	75.5	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
≥ 4000	40.1	82.0	84.1	84.5	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 3500	43.4	85.6	87.8	88.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 3000	46.9	90.3	92.8	93.6	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 2500	47.6	91.6	94.4	95.5	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 2000	47.9	92.1	95.0	96.4	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 1800	47.9	92.1	95.0	96.4	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 1500	48.1	92.3	95.1	96.5	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1200	48.2	92.9	96.0	97.5	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1000	48.2	92.9	96.0	97.5	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 900	48.2	92.9	96.0	97.5	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 800	48.2	92.9	96.0	97.5	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 700	48.2	93.3	96.4	97.9	99.5	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	48.2	93.3	96.4	97.9	99.5	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	48.2	93.3	96.4	97.9	99.5	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	48.2	93.3	96.4	97.9	99.5	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	48.2	93.3	96.4	97.9	99.5	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	48.2	93.3	96.4	97.9	99.5	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	48.2	93.3	96.4	97.9	99.5	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	48.2	93.3	96.4	97.9	99.5	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 801

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

16 16

HELLENIKON AB GR

73-81

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0900-1100

CEILING (FEET)		VISIBILITY (STATUTE MILES)															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	1000	24.8	34.4	36.1	37.9	38.0	38.0	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.2	38.2
2	900	30.8	41.9	43.8	45.7	46.0	46.0	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.2	46.2
3	800	32.1	43.2	45.3	47.3	47.7	47.7	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	48.1	48.1
4	700	32.1	43.2	45.3	47.3	47.7	47.7	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	48.1	48.1
5	600	32.2	43.3	45.4	47.5	47.8	47.8	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.2	48.2
6	500	34.3	49.9	52.4	55.1	55.6	55.6	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	56.1	56.1
7	400	36.7	52.7	55.4	58.1	58.8	58.8	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.3	59.3
8	300	40.1	56.1	58.9	61.7	62.4	62.4	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.9	62.9
9	200	41.7	57.7	60.5	63.6	64.4	64.4	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.9	64.9
10	100	42.1	58.2	61.0	64.1	64.9	64.9	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.4	65.4
11	5000	42.3	58.4	61.3	64.4	65.1	65.1	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.6	65.6
12	4500	42.5	67.2	70.0	73.2	74.0	74.0	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.5	74.5
13	4000	43.1	67.7	70.7	73.9	74.6	74.7	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.2	75.2
14	3500	46.6	75.1	78.1	81.5	82.4	82.5	82.7	82.9	82.9	82.9	82.9	82.9	82.9	82.9	83.1	83.1
15	3000	51.7	80.3	83.8	87.1	88.0	88.2	88.4	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.9	88.9
16	2500	54.7	84.2	88.2	91.4	92.4	92.5	92.7	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.2	93.2
17	2000	56.6	87.2	91.4	94.6	95.9	96.3	96.5	96.9	96.9	96.9	96.9	96.9	96.9	96.9	97.2	97.2
18	1800	56.8	87.5	91.9	95.4	97.3	97.7	97.9	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.6	98.6
19	1600	56.8	87.5	91.9	95.4	97.3	97.7	97.9	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.8	98.8
20	1400	56.8	87.8	92.2	95.8	97.8	98.2	98.4	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.5	99.5
21	1200	56.8	87.8	92.2	95.8	97.8	98.2	98.4	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.5	99.5
22	1000	56.8	87.8	92.2	95.8	97.8	98.2	98.4	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.5	99.5
23	900	56.8	87.8	92.2	95.8	97.8	98.2	98.4	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.5	99.5
24	800	56.8	87.8	92.2	95.8	97.8	98.2	98.4	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.5	99.5
25	700	56.8	88.0	92.5	96.1	98.0	98.4	98.6	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.8	99.8
26	600	56.8	88.0	92.5	96.1	98.0	98.4	98.6	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.8	99.8
27	500	56.8	88.0	92.5	96.1	98.0	98.4	98.6	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.8	99.8
28	400	56.8	88.0	92.5	96.1	98.0	98.4	98.6	99.4	99.5	99.5	99.5	99.5	99.5	99.5	100.0	100.0
29	300	56.8	88.0	92.5	96.1	98.0	98.4	98.6	99.4	99.5	99.5	99.5	99.5	99.5	99.5	100.0	100.0
30	200	56.8	88.0	92.5	96.1	98.0	98.4	98.6	99.4	99.5	99.5	99.5	99.5	99.5	99.5	100.0	100.0
31	100	56.8	88.0	92.5	96.1	98.0	98.4	98.6	99.4	99.5	99.5	99.5	99.5	99.5	99.5	100.0	100.0
32	50	56.8	88.0	92.5	96.1	98.0	98.4	98.6	99.4	99.5	99.5	99.5	99.5	99.5	99.5	100.0	100.0
33	0	56.8	88.0	92.5	96.1	98.0	98.4	98.6	99.4	99.5	99.5	99.5	99.5	99.5	99.5	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 811

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

16 16 HELLENIKON AB GR

73-81

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1200-1400

CEILING FEET	VISIBILITY STAT IN MILES															
	≥10	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12
NO CEILING	31.5	37.1	37.6	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.3	38.3	38.3	38.3
≥ 20000	39.5	46.9	47.4	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.3	48.3	48.3	48.3
18000	47.2	47.7	48.3	49.3	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.7	49.7	49.7	49.7
16000	47.2	47.7	48.3	49.3	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.7	49.7	49.7	49.7
14000	40.2	47.7	48.3	49.3	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.7	49.7	49.7	49.7
12000	42.9	53.9	54.7	55.7	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.6	56.6	56.6	56.6
10000	45.6	57.1	58.4	59.7	60.5	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.8	60.8	60.8	60.8
9000	48.7	60.5	62.0	63.3	64.2	64.3	64.4	64.4	64.4	64.4	64.4	64.4	64.5	64.5	64.5	64.5
8000	50.2	62.4	64.2	65.4	66.3	66.4	66.5	66.5	66.5	66.5	66.5	66.5	66.7	66.7	66.7	66.7
7000	50.6	62.8	64.5	65.8	66.7	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.2	67.2	67.2	67.2
6000	50.6	62.8	64.5	65.8	66.7	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.2	67.2	67.2	67.2
5000	50.9	68.3	70.0	71.3	72.2	72.4	72.5	72.5	72.5	72.5	72.5	72.5	72.7	72.7	72.7	72.7
4500	51.6	68.9	70.7	72.0	72.9	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.4	73.4	73.4	73.4
4000	58.3	79.7	81.4	82.9	83.9	84.1	84.3	84.3	84.3	84.3	84.4	84.4	84.5	84.5	84.5	84.5
3500	63.3	85.1	86.9	88.5	89.6	89.9	90.0	90.0	90.0	90.0	90.1	90.1	90.4	90.4	90.4	90.4
3000	67.2	89.3	91.1	93.0	94.5	94.8	94.9	94.9	94.9	95.0	95.0	95.0	95.3	95.3	95.3	95.3
2500	68.4	91.4	93.3	95.1	96.9	97.4	97.5	97.5	97.5	97.5	97.6	97.6	97.9	97.9	97.9	97.9
2000	68.8	91.8	94.0	95.9	97.8	98.3	98.4	98.4	98.4	98.4	98.5	98.5	98.8	98.8	98.8	98.8
1800	68.8	91.8	94.0	95.9	97.8	98.3	98.4	98.4	98.4	98.4	98.5	98.5	98.8	98.8	98.8	98.8
1500	68.8	91.8	94.0	95.9	97.8	98.3	98.4	98.4	98.4	98.4	98.6	98.6	98.8	98.8	98.8	98.8
1200	68.8	92.0	94.4	96.3	98.3	98.8	98.9	98.9	98.9	99.3	99.4	99.4	99.6	99.6	99.6	99.6
1000	68.8	92.0	94.4	96.3	98.3	98.8	98.9	98.9	98.9	99.3	99.4	99.4	99.6	99.6	99.6	99.6
900	68.8	92.0	94.4	96.3	98.3	98.8	98.9	98.9	98.9	99.3	99.4	99.4	99.6	99.6	99.6	99.6
800	68.8	92.0	94.4	96.3	98.3	98.8	98.9	98.9	98.9	99.3	99.4	99.4	99.6	99.6	99.6	99.6
700	68.8	92.1	94.5	96.4	98.4	98.9	99.0	99.0	99.0	99.4	99.5	99.5	99.8	99.8	99.8	99.8
600	68.8	92.1	94.5	96.4	98.4	98.9	99.0	99.0	99.0	99.4	99.5	99.5	99.8	99.8	99.8	99.8
500	68.8	92.1	94.5	96.4	98.4	98.9	99.0	99.0	99.0	99.4	99.5	99.5	99.8	99.8	99.8	99.8
400	68.9	92.3	94.6	96.5	98.5	99.0	99.1	99.1	99.1	99.5	99.6	99.6	99.9	99.9	100.0	100.0
300	68.9	92.3	94.6	96.5	98.5	99.0	99.1	99.1	99.1	99.5	99.6	99.6	99.9	99.9	100.0	100.0
200	68.9	92.3	94.6	96.5	98.5	99.0	99.1	99.1	99.1	99.5	99.6	99.6	99.9	99.9	100.0	100.0
100	68.9	92.3	94.6	96.5	98.5	99.0	99.1	99.1	99.1	99.5	99.6	99.6	99.9	99.9	100.0	100.0
0	68.9	92.3	94.6	96.5	98.5	99.0	99.1	99.1	99.1	99.5	99.6	99.6	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 801

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

6-16 HELLENIKON AB GR

73-81

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1500-1700

VISIBILITY - STATUTE MILES																	
CEILING - FEET	20	20	25	24	25	25	25	25	25	25	25	25	25	25	25	25	25
NO. FILING	50.1	34.1	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.5	34.7	34.7	34.7	34.7	34.7	34.7
2 2000	37.2	42.9	43.1	43.3	43.4	43.4	43.4	43.4	43.4	43.4	43.5	43.8	43.8	43.8	43.8	43.8	43.8
2 1800	38.7	43.6	43.9	44.2	44.7	44.7	44.7	44.7	44.7	44.7	44.8	45.0	45.0	45.0	45.0	45.0	45.0
2 1600	38.7	43.6	43.9	44.2	44.7	44.7	44.7	44.7	44.7	44.7	44.8	45.0	45.0	45.0	45.0	45.0	45.0
2 1400	38.1	43.8	44.1	44.3	44.8	44.8	44.8	44.8	44.8	44.8	44.9	45.2	45.2	45.2	45.2	45.2	45.2
2 1200	41.8	51.3	51.7	51.9	52.7	52.7	52.7	52.7	52.7	52.7	52.8	53.1	53.1	53.1	53.1	53.1	53.1
2 1000	45.8	55.6	56.2	56.6	57.6	57.6	57.6	57.6	57.6	57.6	57.7	58.0	58.0	58.0	58.0	58.0	58.0
2 800	48.4	58.2	58.9	59.2	60.3	60.3	60.3	60.3	60.3	60.3	60.4	60.6	60.6	60.6	60.6	60.6	60.6
2 600	50.7	60.5	61.3	61.6	62.6	62.6	62.6	62.6	62.6	62.6	62.8	63.0	63.0	63.0	63.0	63.0	63.0
2 400	50.7	60.5	61.3	61.6	62.6	62.6	62.6	62.6	62.6	62.6	62.8	63.0	63.0	63.0	63.0	63.0	63.0
2 200	50.7	60.5	61.3	61.6	62.6	62.6	62.6	62.6	62.6	62.6	62.8	63.0	63.0	63.0	63.0	63.0	63.0
2 500	50.7	60.5	61.3	61.6	62.6	62.6	62.6	62.6	62.6	62.6	62.8	63.0	63.0	63.0	63.0	63.0	63.0
2 4500	51.2	68.2	68.9	69.3	70.3	70.3	70.3	70.3	70.3	70.3	70.4	70.7	70.7	70.7	70.7	70.7	70.7
2 4000	58.9	80.1	80.9	81.4	82.4	82.4	82.4	82.4	82.4	82.4	82.5	82.8	82.8	82.8	82.8	82.8	82.8
2 1500	65.8	87.0	87.9	88.4	89.4	89.4	89.4	89.4	89.4	89.4	89.6	89.8	89.8	89.8	89.8	89.8	89.8
2 1000	69.6	91.4	92.5	93.1	94.3	94.3	94.3	94.3	94.3	94.3	94.5	94.7	94.7	94.7	94.7	94.7	94.7
2 2500	70.3	93.0	94.3	95.1	96.5	96.5	96.5	96.5	96.5	96.5	96.6	96.9	96.9	96.9	96.9	96.9	96.9
2 2000	70.9	93.7	95.5	96.5	98.6	98.6	98.6	98.6	98.6	98.6	98.7	99.0	99.0	99.0	99.0	99.0	99.0
2 1800	70.9	93.7	95.5	96.5	98.6	98.6	98.6	98.6	98.6	98.6	98.7	99.0	99.0	99.0	99.0	99.0	99.0
2 1500	70.9	93.7	95.5	96.5	98.7	98.7	98.7	98.7	98.7	98.7	98.9	99.1	99.1	99.1	99.1	99.1	99.1
2 1200	70.9	94.1	96.0	97.0	99.2	99.2	99.2	99.2	99.2	99.2	99.4	99.5	99.7	99.7	99.7	99.7	99.7
2 1000	70.9	94.1	96.0	97.0	99.2	99.2	99.2	99.2	99.2	99.2	99.4	99.5	99.7	99.7	99.7	99.7	99.7
2 900	70.9	94.1	96.0	97.0	99.2	99.2	99.2	99.2	99.2	99.2	99.4	99.5	99.7	99.7	99.7	99.7	99.7
2 800	70.9	94.1	96.0	97.0	99.2	99.2	99.2	99.2	99.2	99.2	99.4	99.5	99.7	99.7	99.7	99.7	99.7
2 700	70.9	94.1	96.0	97.0	99.2	99.2	99.2	99.2	99.2	99.2	99.4	99.5	99.7	99.7	99.7	99.7	99.7
2 600	70.9	94.1	96.0	97.0	99.2	99.2	99.2	99.2	99.2	99.2	99.4	99.5	99.7	99.7	99.7	99.7	99.7
2 500	70.9	94.1	96.0	97.0	99.2	99.2	99.2	99.2	99.2	99.2	99.4	99.5	99.7	99.7	99.7	99.7	99.7
2 400	70.9	94.1	96.0	97.0	99.2	99.2	99.2	99.2	99.2	99.2	99.4	99.5	99.7	99.7	99.7	99.7	99.7
2 300	70.9	94.1	96.0	97.0	99.2	99.2	99.2	99.2	99.2	99.2	99.4	99.5	99.7	99.7	99.7	99.7	99.7
2 200	70.9	94.1	96.0	97.0	99.2	99.2	99.2	99.2	99.2	99.2	99.4	99.5	99.7	99.7	99.7	99.7	99.7
2 100	70.9	94.1	96.0	97.0	99.2	99.2	99.2	99.2	99.2	99.2	99.4	99.5	99.7	99.7	99.7	99.7	99.7
2 50	70.9	94.1	96.0	97.0	99.2	99.2	99.2	99.2	99.2	99.2	99.4	99.5	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS 795

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

16 16
STATION

HELLENIXON AB GR
STATION NAME

73-81
YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

18 12-2000
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY: STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING	27.6	37.5	37.8	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1
≥20000	32.6	43.2	43.4	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9
≥18000	33.0	43.5	43.8	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3
≥16000	33.1	43.7	43.9	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
≥14000	33.1	43.7	43.9	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
≥12000	35.3	52.4	52.6	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
≥10000	41.0	58.3	58.5	59.0	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
≥9000	43.8	61.4	61.6	62.1	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
≥8000	45.1	62.9	63.2	63.7	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥7000	45.1	62.9	63.2	63.7	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥6000	45.1	62.9	63.2	63.7	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥5000	45.1	75.3	75.8	76.3	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
≥4500	45.5	75.6	76.1	76.6	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥4000	49.0	83.1	83.8	84.3	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥3500	54.0	88.4	89.2	89.7	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥3000	58.1	92.9	93.8	94.5	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥2500	58.4	94.2	95.3	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥2000	59.0	94.8	96.2	97.5	98.2	98.4	98.4	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥1800	59.1	94.8	96.2	97.5	98.2	98.4	98.4	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥1500	59.0	94.8	96.2	97.5	98.2	98.4	98.4	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥1200	59.0	95.2	96.9	98.4	99.1	99.4	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥1000	59.0	95.2	96.9	98.4	99.1	99.4	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥900	59.0	95.2	96.9	98.4	99.1	99.4	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥800	59.0	95.2	96.9	98.4	99.1	99.4	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥700	59.0	95.2	97.0	98.6	99.5	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥600	59.0	95.2	97.0	98.6	99.5	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥500	59.0	95.2	97.0	98.6	99.5	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥400	59.0	95.2	97.0	98.6	99.5	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥300	59.0	95.2	97.0	98.6	99.5	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥200	59.0	95.2	97.0	98.6	99.5	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥100	59.0	95.2	97.0	98.6	99.5	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥0	59.0	95.2	97.0	98.6	99.5	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 813

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

16 160
STATION

HELLENIKON AB GR
STATION NAME

73-81
YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/10	≥1/20	≥0
NO CEILING	23.3	32.5	33.3	34.0	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.4
≥ 20000	23.7	36.7	36.8	37.5	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.9
≥ 18000	23.7	36.0	36.8	37.5	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.9
≥ 16000	23.7	36.0	36.8	37.5	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.9
≥ 14000	23.7	36.0	36.8	37.5	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.9
≥ 12000	24.9	43.1	44.1	44.8	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.3
≥ 10000	28.1	46.5	47.4	48.1	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.6
≥ 9000	31.3	50.1	51.5	52.2	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.9
≥ 8000	33.5	52.4	53.7	54.5	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.1
≥ 7000	33.8	52.6	54.0	54.7	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.5
≥ 6000	33.8	52.6	54.1	54.7	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.5
≥ 5000	33.9	72.7	74.1	74.8	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.6
≥ 4500	33.9	72.7	74.1	75.1	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.8
≥ 4000	37.2	80.7	82.3	83.3	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	84.0
≥ 3500	42.6	86.5	88.4	89.5	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.3
≥ 3000	46.6	90.9	93.3	94.4	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.1
≥ 2500	47.5	92.4	95.0	96.4	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.4
≥ 2000	47.6	92.6	95.5	97.0	98.1	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.6
≥ 1800	47.6	92.6	95.5	97.0	98.1	98.4	98.4	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.8
≥ 1500	47.6	92.6	95.5	97.0	98.1	98.4	98.4	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.8
≥ 1200	47.6	93.1	96.1	97.6	98.9	99.1	99.1	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.5
≥ 1000	47.6	93.1	96.1	97.6	98.9	99.1	99.1	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.5
≥ 900	47.6	93.1	96.1	97.6	98.9	99.1	99.1	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.5
≥ 800	47.6	93.1	96.1	97.6	98.9	99.1	99.1	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.5
≥ 700	47.6	93.1	96.1	97.6	98.9	99.1	99.1	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.5
≥ 600	47.6	93.1	96.1	97.6	98.9	99.1	99.1	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.5
≥ 500	47.6	93.1	96.1	97.6	98.9	99.1	99.1	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.5
≥ 400	47.6	93.1	96.1	97.6	98.9	99.1	99.1	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.5
≥ 300	47.6	93.1	96.1	97.6	98.9	99.1	99.1	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.5
≥ 200	47.6	93.1	96.1	97.6	98.9	99.1	99.1	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.5
≥ 100	47.6	93.1	96.1	97.6	98.9	99.1	99.1	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.5
≥ 0	47.6	93.1	96.1	97.6	98.9	99.1	99.1	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.5

TOTAL NUMBER OF OBSERVATIONS 802

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

16.16 HELLONIKON AB GR

73-81

DEC

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 0	≥ 0
NO CEILING	23.7	33.9	34.7	35.3	35.4	35.4	35.4	35.4	35.4	35.5	35.5	35.5	35.5	35.5	35.5	35.5
≥ 20000	28.4	39.8	40.8	41.4	41.6	41.6	41.6	41.6	41.6	41.7	41.7	41.7	41.7	41.7	41.7	41.7
IN 18000	28.9	40.3	41.3	42.1	42.3	42.3	42.3	42.3	42.3	42.3	42.4	42.4	42.4	42.4	42.4	42.4
IN 16000	28.9	40.3	41.4	42.1	42.3	42.3	42.3	42.3	42.3	42.4	42.4	42.4	42.4	42.4	42.4	42.4
IN 14000	29.7	40.4	41.4	42.1	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.5	42.5	42.5
IN 12000	30.8	47.3	48.4	49.2	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.8	49.8	49.8	49.8	49.8
IN 10000	35.7	51.8	53.1	54.0	54.5	54.5	54.5	54.5	54.5	54.5	54.6	54.6	54.6	54.6	54.6	54.6
IN 9000	38.6	55.6	57.7	57.9	58.4	58.4	58.5	58.5	58.5	58.5	58.5	58.5	58.6	58.6	58.6	58.6
IN 8000	40.2	57.3	58.8	59.7	60.3	60.3	60.3	60.3	60.3	60.4	60.4	60.4	60.4	60.4	60.4	60.4
IN 7000	40.3	57.5	59.0	59.9	60.6	60.6	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.8	60.8	60.8
IN 6000	40.4	57.6	59.1	60.0	60.6	60.6	60.7	60.7	60.7	60.7	60.7	60.7	60.8	60.8	60.8	60.8
IN 5000	40.5	71.8	73.4	74.3	74.9	75.0	75.0	75.0	75.0	75.0	75.1	75.1	75.1	75.1	75.1	75.1
IN 4500	40.8	72.1	73.7	74.7	75.3	75.3	75.4	75.4	75.4	75.4	75.5	75.5	75.5	75.5	75.5	75.5
IN 4000	45.0	80.8	82.4	83.5	84.2	84.3	84.3	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.5
IN 3500	49.9	85.8	87.7	88.8	89.6	89.6	89.7	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.9
IN 3000	53.6	90.1	92.3	93.6	94.6	94.7	94.7	94.7	94.7	94.8	94.8	94.9	94.9	94.9	94.9	94.9
IN 2500	54.5	91.9	94.2	95.7	96.9	97.0	97.0	97.1	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2
IN 2000	54.9	92.4	94.9	96.6	98.0	98.2	98.3	98.4	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5
IN 1800	54.9	92.4	94.9	96.6	98.1	98.3	98.4	98.5	98.5	98.6	98.6	98.7	98.7	98.7	98.7	98.7
IN 1600	54.9	92.4	94.9	96.6	98.1	98.3	98.4	98.5	98.5	98.6	98.6	98.7	98.7	98.7	98.7	98.7
IN 1400	54.9	92.4	94.9	96.6	98.1	98.3	98.4	98.5	98.5	98.6	98.6	98.7	98.7	98.7	98.7	98.7
IN 1200	54.9	92.4	94.9	96.6	98.1	98.3	98.4	98.5	98.5	98.6	98.6	98.7	98.7	98.7	98.7	98.7
IN 1000	55.0	92.8	95.6	97.3	98.9	99.1	99.2	99.3	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.6
IN 900	55.0	92.8	95.6	97.3	98.9	99.1	99.2	99.3	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.6
IN 800	55.0	92.8	95.6	97.3	98.9	99.1	99.2	99.3	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.6
IN 700	55.0	93.0	95.8	97.6	99.2	99.5	99.5	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9
IN 600	55.0	93.0	95.8	97.6	99.2	99.5	99.5	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9
IN 500	55.0	93.0	95.8	97.6	99.2	99.5	99.5	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9
IN 400	55.0	93.0	95.8	97.6	99.2	99.5	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
IN 300	55.0	93.0	95.8	97.6	99.2	99.5	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
IN 200	55.0	93.0	95.8	97.6	99.3	99.5	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
IN 100	55.0	93.0	95.8	97.6	99.3	99.5	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IN 0	55.0	93.0	95.8	97.6	99.3	99.5	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 6450

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

16716
STATION

HELLENIKON AB GR
STATION NAME

73-81
YEARS

ALL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	¾
NO CEILING	20.6	38.2	39.7	40.2	40.5	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6
≥ 20000	23.7	43.1	44.7	45.3	45.7	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
≥ 18000	24.1	43.6	45.2	45.9	46.3	46.3	46.3	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4
≥ 16000	24.1	43.6	45.3	45.9	46.3	46.3	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.5	46.5
≥ 14000	24.2	43.6	45.3	46.0	46.4	46.4	46.4	46.4	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
≥ 12000	25.4	48.6	50.4	51.1	51.6	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.8	51.8	51.8	51.8
≥ 10000	27.9	51.4	53.4	54.1	54.6	54.7	54.7	54.7	54.7	54.7	54.7	54.8	54.8	54.8	54.8	54.8
≥ 9000	30.0	53.8	55.8	56.6	57.2	57.2	57.2	57.2	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
≥ 8000	30.9	54.8	56.9	57.7	58.3	58.3	58.3	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.5
≥ 7000	31.0	54.9	57.0	57.8	58.4	58.4	58.4	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.6
≥ 6000	31.0	54.9	57.0	57.8	58.4	58.4	58.4	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.6	58.6
≥ 5000	31.1	83.4	85.4	86.3	86.8	86.9	86.9	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 4500	31.3	83.7	85.7	86.6	87.1	87.2	87.2	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 4000	33.8	88.6	90.9	91.8	92.4	92.4	92.4	92.5	92.5	92.5	92.5	92.6	92.6	92.6	92.6	92.6
≥ 3500	35.9	90.9	93.2	94.1	94.8	94.9	94.9	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 3000	37.6	92.8	95.3	96.3	97.1	97.2	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.4	97.4
≥ 2500	38.0	93.8	96.4	97.5	98.3	98.4	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 2000	38.2	94.0	96.7	97.8	98.8	98.8	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.1	99.1
≥ 1800	38.2	94.0	96.7	97.8	98.8	98.8	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.1	99.1
≥ 1500	38.2	94.1	96.8	97.9	98.8	98.8	98.9	99.0	99.0	99.1	99.1	99.1	99.2	99.2	99.2	99.2
≥ 1200	38.2	94.4	97.2	98.3	99.3	99.4	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7
≥ 1000	38.2	94.4	97.2	98.3	99.3	99.4	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7
≥ 900	38.2	94.4	97.2	98.3	99.3	99.5	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7
≥ 800	38.3	94.4	97.2	98.4	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7
≥ 700	38.3	94.5	97.3	98.5	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9
≥ 600	38.3	94.5	97.3	98.5	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9
≥ 500	38.3	94.5	97.3	98.5	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9
≥ 400	38.3	94.5	97.3	98.5	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9
≥ 300	38.3	94.5	97.3	98.5	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9
≥ 200	38.3	94.5	97.3	98.5	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9
≥ 100	38.3	94.5	97.3	98.5	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9
≥ 0	38.3	94.5	97.3	98.5	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 7-105

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART E PSYCHROMETRIC SUMMARIES

In this section are presented various summaries of dry- and wet-bulb temperatures, dew points, and relative humidity. The order and manner of presentations follows:

1. Cumulative percentage frequency of occurrence - derived from daily observations and presented by month and annual for all years combined. These tabulations provide the cumulative percentage frequency to tenths of temperature by 5-degree Fahrenheit increments, plus mean temperature, standard deviations, and total number of observations in three separate tables as follows:
 - a. Daily maximum temperatures
 - b. Daily minimum temperatures
 - c. Daily mean temperatures

NOTE: Beginning in January 1964, daily maximum and minimum temperatures are routinely selected from hourly observations recorded on surface observing forms or from automated data collections for all Air Force operated stations. For those stations observing less than 24 hours per day, and where maximum and minimum temperatures are required but not recorded, these are also selected from hourly data from as early as January 1949 and later. Please refer to notations on summary pages and Station History for further information on reporting practices of individual stations.

2. Extreme values - derived from daily observations with the extreme value selected for each year and month of record available. An annual (ALL MONTHS) value is selected when all months for a year have valid extremes. Means and standard deviations are computed for months and annual when four or more values are present for any column. Two tables of daily extremes are prepared:
 - a. Extreme maximum temperature
 - b. Extreme minimum temperature

NOTE: The following symbols are used in the extreme data blocks:

- (1) * indicates the extreme was selected from a month with one or more days missing.
- (2) # indicates the extreme was selected from a month in which hourly temperatures were available for less than 24 hours for at least one day in the month.

Values for means and standard deviations do not include measurements for incomplete months.

Continued on Reverse

3. Bivariate percentage frequency distribution and computations of dry-bulb versus wet-bulb temperature. This tabulation is derived from hourly observations and is presented by month and annual, all hours and years combined. The following information is provided:

- a. The main body of the summary consists of a bivariate percentage frequency distribution of wet-bulb depression in 17 classes spread horizontally; by 2-degree intervals of dry-bulb temperature spread vertically. Also provided for each of the dry-bulb intervals is the percentage of observations with dry-bulb and wet-bulb temperature combined; and again for dry-bulb, wet-bulb, and dew-point temperatures separately. Total observations for these four items is also provided in two lines at end of each tabulation table, which may be continued on several pages.

NOTE: A percentage frequency in this table of ".0" represents one or more occurrences amounting to less than .05 percent.

- b. Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dew-point temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares ($\sum X^2$), sums of values ($\sum X$), means (\bar{X}), and standard deviations (σ_x). The number of observations used in the computation for each element is also shown.
- c. At the lower right of the form are given the mean number of hours of occurrence for six ranges of dry-bulb, wet-bulb, and dew-point temperatures, and total number of hours possible in the period represented. Mean number of hours is shown to tenths and indicates mean number of hours per year in the annual summary, or mean number of hours per month in the tabulation by month.

NOTE: Wet-bulb temperature usually was not reported prior to 1946. Relative humidity usually was not reported prior to 1949, nor subsequent to June 1958; and was computed by machine methods for observations recorded during these periods. All values of dew-point temperature and relative humidity are with respect to water, unless otherwise indicated.

4. Means and standard deviations - These tabulations are derived from hourly observations and present the mean, standard deviation, and total number of observations for the eight standard 3-hour groups, by month and annual and again at the bottom for all hours combined. Records for all years combined are presented in the following three tables; DRY-BULB TEMPERATURE, WET-BULB TEMPERATURE, and DEW-POINT TEMPERATURE.
5. Cumulative percentage frequency of occurrence of relative humidity - This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10% classes, plus the mean relative humidity and total number of observations in two tables.
- a. Table 1 is prepared by month and annual, all years combined, with month being the vertical argument.
- b. Table 2 is prepared by month by standard 3-hour groups, with the hour groups being the vertical argument and a separate page for each month. All years are also combined for this summary.

PSYCHROMETRIC SUMMARY

YEARS

MINSTER

PAGE 1 ~~0000-0200~~
~~0000-0200~~

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point											
4 / 53					.2													2	2													
1 / 59			.1	.2	.1													4	4													
1 / 57		.1	1.1	.5														15	15													
5 / 5		1.5	1.7	1.3	.4													37	37	4												
1 / 53		1.5	1.0	1.9														35	35	24	2											
2 / 51		1.6	3.8	2.3	.2		.2											64	65	36	20											
5 / 43		2.9	4.7	1.9	.7	.2	.1											85	85	42	28											
1 / 47	.1	2.9	5.2	2.9	.9	.4	.1											100	100	84	43											
4 / 45		3.3	4.2	4.2	1.1	.1												105	105	69	46											
4 / 43		4.5	6.7	3.8	.6	.1												121	121	96	60											
1 / 41		1.6	4.2	2.7	.4													72	72	108	60											
4 / 39		.4	3.5	3.2	.3													64	64	97	82											
1 / 37		.1	3.0	1.1														34	34	79	53											
1 / 35	.2	1.2	1.6	1.0														33	33	50	80											
3 / 33		.2	1.4	1.2														23	23	62	69											
2 / 31		.2																2	2	31	64											
10 / 29		.2	.4															5	5	17	36											
2 / 27	.2			.2														4	4	7	35											
1 / 25				.1														1	1	3	55											
2 / 23																					18											
2 / 21																				3	18											
1 / 19																					8											
1 / 17																					6											
1 / 15																					2											
1 / 13																					1											
TOTAL	.4	22.34	1.9	28.7	6.1	.9	.5													807	806											
																		806		806												

Element (X)	ΣX ²	ΣX	X̄	s _x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	4352735	58405	72.5	12.240	806	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	
Dry Bulb	1838455	38209	47.3	6.037	807		1.2					93
Wet Bulb	1551779	35011	43.4	6.203	806		3.5					93
Dew Point	1255759	31137	38.6	8.106	806		20.7					92

USAFETAC FORM 0-26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 44

PSYCHROMETRIC SUMMARY

~~73-81~~

YEARS

**LAN
MONTH**

PAGE 1 ~~CONFIDENTIAL~~

PSYCHROMETRIC SUMMARY

YEARS

PAGE 1 7920-1100
MONTH JAN
HOURS 10.5.71

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

JAY
MONTE

PAGE 1 1500-1700
HOURS 100 S. T.

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

JAN
MONT H

PAGE 1 2100-2300
HOURS (L, S, T,)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point														
4 / 63				.1														1	1																
7 / 61			.2	.4														5	5																
7 / 59			.2	1.6	.4													13	18																
7 / 57		1.6	2.4	1.1	.5	.1												46	47	3															
5 / 55	.1	1.7	2.4	2.5	.7	.1												61	62	22	3														
4 / 53		.9	4.1	1.9	.5	.1												67	60	44	22														
2 / 51		1.6	4.8	4.0	1.1	.2												95	95	49	21														
5 / 49		1.7	4.5	2.9	1.2	.4												86	87	77	42														
6 / 47		3.1	5.3	3.6	2.4	.1												117	119	81	44														
4 / 45	.1	2.4	5.0	4.1	1.0	.1												102	102	113	92														
4 / 43		.2	3.2	3.3	1.0													63	64	90	53														
2 / 41		.9	4.1	3.7	1.0													78	78	86	92														
4 / 39		.9	1.4	1.6	.2													33	34	72	51														
3 / 37		.6	1.4	.7														22	23	64	80														
3 / 35		.2	.4	.2														7	7	50	62														
3 / 33		.7	.4	.1														10	10	31	74														
2 / 31			.1															1	2	19	26														
2 / 29				.2														2	2	2	40														
2 / 27																				2	53														
4 / 25																					19														
2 / 23																				2	17														
2 / 21																					11														
7 / 19																					6														
1 / 17																					1														
1 / 15																					2														
TOTAL	.216	.639	.832	1.10	.0	1.2												807	815	807	847														

Element (X)	ΣX ²	ΣX	X̄	S _x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	4091721	56669	70.2	11.905	807	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Dry Bulb	1915134	39214	48.1	5.900	815		.5					93
Wet Bulb	1580695	35377	43.8	6.086	807		2.9					93
Dew Point	1254430	31140	38.6	8.096	807		20.4					93

USAFETAC
FORM 0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JAN 64

PSYCHROMETRIC SUMMARY

YEARS

—

HOURS 11:30 - 1:00 P.M.

[illegible]

JSAFETAC FORM 0-26-5 (O.L.A.)
REVISED SEPTEMBER 1975 OF THIS FORM AND OBSOLETE

PSYCHROMETRIC SUMMARY

73-81

YEARS

FEB
MON 1968

PAGE 1 2620-2840
HOURS 11:50 A.M. - 1:00 P.M.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
4 / 61																		2	2																
4 / 61				.1	.5	.7												15	15																
4 / 59		.4	2.1	1.2														27	27																
4 / 57		1.8	2.3	.7														35	35	4															
5 / 55	.1	3.0	2.6	1.8														55	55	26															
4 / 53		.8	3.1	1.2	.3													45	45	55	24														
4 / 51	.1	3.1	3.9	1.9	.1													68	68	34	42														
4 / 49	.1	3.4	5.8	.8														75	75	71	39														
4 / 47		5.3	3.5	2.1	.7													85	85	84	47														
4 / 45	.3	4.3	3.1	1.5	.1													106	107	102	68														
4 / 43		2.8	4.3	2.6														72	72	68	67														
2 / 41		2.8	3.4	1.2	.3													72	72	77	100														
4 / 39		1.8	3.7	1.6	.1													48	48	53	56														
3 / 37		.9	1.4	.7														22	22	53	62														
4 / 35				.1														1	1	48	50														
3 / 33	.3	.1	.8	.3														11	11	26	42														
2 / 31		.1	.3		.1													4	4	10	19														
4 / 29																				6	28														
2 / 27		.1																1	1	3	35														
4 / 25																				2	16														
2 / 23																					11														
2 / 21																					3														
4 / 19																					1														
4 / 17																					1														
4 / 15																					1														
1 / 11																					1														
TOTAL		.930	.944	.820	.6	2.7													737	737	737														

Element (X)	Σ x²	Σ x	x̄	sₓ	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	4325684	55882	75.8	11.150	737	≤ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Dry Bulb	1711326	35236	47.7	6.270	738			.6				84
Wet Bulb	1478262	32669	44.3	6.409	737			2.4				84
Dew Point	1244197	29693	40.3	8.059	737			14.0				84

USAFETAC
FORM
24 MAR
0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

YEARS

~~SECRET~~

PAGE 1 ~~1500-1700~~

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
6 / 67					.1													1	1																
6 / 65				.3	.3	.3	.3											8	8																
4 / 63				2.2	1.5	1.0	.1	.1										36	37																
4 / 61		.1	1.5	1.9	2.3	.7	.5											52	53																
4 / 59		.3	4.2	6.2	5.3	1.4	.7	.1										133	133	8	1														
5 / 57		.7	2.5	6.2	3.1	1.0	.1	.4										101	102	38	1														
5 / 55		.8	1.1	4.8	4.1	1.4	.4	.3										94	94	72	24														
4 / 53		.3	.3	2.1	2.9	.3	.1											43	43	89	23														
2 / 51		.4	.8	2.3	2.1	.4	.3											46	46	91	67														
5 / 49		.1	1.9	1.8	1.6	.3												42	43	79	38														
4 / 47	.1	.7	1.4	2.6	1.9		.3											51	51	74	67														
4 / 45		.8	1.1	3.6	3.6	.3												68	68	60	86														
4 / 43			.5	3.3	.3	.1												31	31	67	57														
2 / 41		.1	.4	.8	.5	.1												15	15	32	72														
4 / 39		.1	.1	.5														6	6	63	34														
3 / 37		.1		.1														2	2	37	51														
7 / 35		.1	.1															2	3	10	43														
3 / 33																				9	42														
2 / 31																				2	24														
1 / 29																					42														
2 / 27																					30														
1 / 25																					9														
2 / 23																					12														
2 / 21																					2														
1 / 19																					4														
1 / 17																					1														
1 / 15																					1														
TOTAL	.1	4.8	16.7	38.6	29.5	7.1	2.9	1.0										731	736	731	731														

USAFETAC FORM 0-26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 64

PSYCHROMETRIC SUMMARY

YEARS

FEB
MONTH

PAGE 1 ~~1830-2000~~
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

73-81

YEARS

FF

PAGE 1 ~~2100-2170~~

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
4 / 63				.4	.3	.1												6	6																
4 / 61				.1	1.6													13	13																
5 / 59		.9	2.8	2.3	.4	.3	.1											51	51																
5 / 57		1.5	2.5	1.7	.4	.1												47	47	10															
5 / 55		3.3	3.9	3.3	.4	.3												84	84	41	9														
5 / 53		1.3	6.2	2.9	.8													84	84	72	26														
2 / 51		3.2	4.7	1.6	1.2													80	80	62	54														
5 / 49	.4	1.6	4.0	2.4	.4	.3												68	68	108	42														
1 / 47	.1	1.9	3.5	3.6	.8													74	74	79	80														
4 / 45		1.7	5.2	2.1	1.2	.3												79	79	76	81														
4 / 43		.7	2.3	4.4	1.3													65	65	65	54														
2 / 41		.5	3.5	2.4	1.1													56	56	64	80														
4 / 39		.4	.4	1.2														15	15	36	54														
3 / 37		.4	.7	.8														14	14	62	46														
1 / 35			.7	.3														7	7	35	50														
3 / 33		.1	.1	.1														3	3	20	34														
2 / 31			.1															1	1	13	23														
1 / 29																				2	36														
2 / 27																				2	20														
1 / 25																					30														
2 / 23																					16														
2 / 21																					12														
1 / 19																					3														
TOTAL		.517	.747	.629	.9	.9	.1	.3	.1										747	747		747													

Element (X)	Σ X'	Σ X	X	°A	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	3919285	53351	71.4	12.082	747	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Dry Bulb	1888379	37277	49.9	6.145	747		.1					88
Wet Bulb	1587149	34099	45.6	6.405	747		1.9					84
Dew Point	1203383	30431	40.7	8.488	747		15.8					8

PSYCHROMETRIC SUMMARY

73-81

YEARS

FEB
MONTH

PAGE 1

HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point											
/ 71								.0										1	1													
/ 69							.0	.0										2	2													
6 / 67					.0		.0	.0										4	4													
6 / 65				.1	.1	.2	.1											23	23													
4 / 63				.3	.7	.5	.0	.0										122	123													
/ 61			.5	.8	1.4	.2	.1											176	178													
/ 59		.6	3.7	3.4	1.5	.7	.2	.1										558	563	21	1											
/ 57		1.2	2.5	2.9	1.1	.4	.1	.1										486	488	145	5											
5 / 55	.0	2.2	2.5	4.1	1.3	.4	.1	.1										626	626	396	105											
4 / 53	.0	1.2	3.6	2.6	1.5	.1	.1											551	552	548	198											
2 / 51	.1	2.0	3.6	2.1	1.3	.1	.1											545	545	524	390											
5 / 49	.1	2.0	3.4	2.2	.9	.2												516	517	753	359											
4 / 47	.0	2.1	3.1	2.5	1.1	.1	.1											530	531	636	522											
4 / 45	.1	2.3	4.4	2.5	1.5	.2												650	654	629	705											
4 / 43		.7	2.1	3.2	.6	.1	.0											398	398	529	473											
2 / 41	.1	1.0	2.6	1.9	.7	.0												365	365	438	652											
4 / 39	.0	.7	1.0	1.0	.1													167	167	391	401											
3 / 37	.0	.4	.7	.4														86	86	412	397											
2 / 35	.1	.2	.4	.1	.0													43	44	227	378											
3 / 33	.1	.1	.2	.1														30	30	151	335											
2 / 31		.1	.1	.0	.7													13	13	59	173											
/ 29			.0															1	1	20	246											
2 / 27		.7																1	1	12	212											
/ 25																				3	147											
2 / 23																					104											
2 / 21																					48											
/ 19																					23											
1 / 17																					7											
1 / 15																					6											
1 / 13																					3											
1 / 11																					3											
/ 9																					1											
TOTAL		.5	16.7	33.9	30.7	13.9	3.2	.8	.3	</																						

USAFETAC FORM 0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

YEARS

— **MAF**
MONTH

PAGE 1 ~~0000-0200~~

[illegible]

JSAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

YEARS

MAR
MONTH

HOURS 12, 5, 7.1

[illegible]

PSYCHROMETRIC SUMMARY

YEARS



PAGE 1 ~~0600-0800~~

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
4 / 63				.1														1	1																
4 / 61		.4		.4	.2	.2	.1											11	11																
4 / 59		.2	1.1	1.2	1.7	.4	.1											33	33	3															
5 / 57		1.9	1.2	1.9	.6	.5	.1											50	50	3	5														
5 / 55		4.0	2.0	3.5	.5	.7	.2											88	88	31	5														
4 / 53	.1	3.2	5.6	3.7	.7	.2												110	110	59	28														
5 / 51		4.2	7.6	3.6	.4													127	127	75	44														
5 / 49		2.5	5.1	2.0	.9	.4												87	87	130	40														
4 / 47	.1	3.2	5.6	1.9	1.1	.1												97	98	128	76														
4 / 45		3.6	6.1	3.6	.6													112	112	123	115														
4 / 43	.2	.5	1.1	1.6	.4													31	31	84	94														
4 / 41		1.0	1.9	1.0	.1													32	32	66	115														
4 / 39		.4	.2	.2	.1													8	8	47	79														
3 / 37		.1	.1	.2														4	4	22	53														
3 / 35		.4	.9	.2														12	12	13	36														
3 / 33			.4															3	3	7	32														
2 / 31			.1															1	1	10	33														
2 / 29																				5	16														
2 / 27																				1	15														
2 / 25																					6														
2 / 23																					6														
2 / 21																					5														
1 / 19																					4														
TOTAL		525.5	38.9	25.2	6.7	2.6	.6											807	808		807														
Element (X)	Σ X ²		Σ X		X		Σ X		No. Obs.		Mean No. of Hours with Temperature																								
Rel. Hum.	4544313		59721		74.0		12.440		807		≤ 0 F		≥ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total												
Dry Bulb	2068198		40660		50.3		5.235		808				.1										93												
Wet Bulb	1759125		37437		46.4		5.273		807				1.8										93												
Dew Point	1465275		13019		42.0		7.012		807				9.8										93												

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0-26-5 (OLA)

1950

USAFETAC

PSYCHROMETRIC SUMMARY

YEARS

MAR
MONIN

PAGE 1 C900-1100
HOURS (L. S. T.)

[illegible]

USAFETAC FORM 0-20-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
AUG 64

PSYCHROMETRIC SUMMARY

YEARS

MAJ
MONY

PAGE 1 ~~1200-1400~~
Hours ~~1200-1400~~

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
7 / 77												.1						1	1					
6 / 75										.1								1	1					
4 / 73								.2	.1									3	3					
2 / 71							.1	.5	.1	.2								8	8					
1 / 69						.2	.4	.1										6	6					
6 / 67					.1	.4	.6											9	9					
6 / 65			.1	.6	1.1	1.2	.9	.2										34	34					
4 / 63		.2	1.1	6.2	3.7	3.7	.5	.9	.1									132	132					
2 / 61		.1	1.1	3.1	4.1	1.1	1.4	.6	.2									94	95	7				
1 / 59		.4	2.8	8.2	4.4	2.8	2.1	.2	.2									171	171	22	5			
1 / 57		.4	.7	4.2	4.1	2.5	.7	.1	.1									102	102	105	12			
5 / 55		.5	.7	3.5	3.2	1.9	.4	.2										84	85	111	22			
4 / 53		.9	1.1	2.6	2.7	.5	.6	.2										64	64	125	60			
2 / 51		.2	.6	1.5	1.6	.7	.4											41	41	86	70			
5 / 49	.1	.2	.9	.2	.2	.4	.2											19	19	119	73			
1 / 47			.1	.2	.6		.2											10	10	89	94			
4 / 45		.1	.4	.1	.4	.6	.1											14	14	63	99			
4 / 43		.1		.2	.2													5	5	27	56			
2 / 41			.6	.4	.1													9	9	19	102			
4 / 39				.1														1	1	12	53			
3 / 37		.1																1	1	12	28			
2 / 35																				11	39			
3 / 33																			1	27				
2 / 31																					16			
1 / 29																					11			
2 / 27																					14			
1 / 25																					9			
2 / 23																					9			
2 / 21																					4			
1 / 19																					4			
1 / 17																					3			
1 / 15																					1			
TOTAL	.1	3.3	17.3	30.9	25.8	16.1	8.5	3.5	1.0	.4		.1						809	811		809			
Element (X)	ΣX ²	ΣX	X	X	No. Obs.	Mean No. of Hours with Temperature																		
Rel. Hum.	3067225	48577	67.0	13.643	809	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total												
Dry Bulb	2789730	47353	58.4	5.501	811			3.2	.6			93												
Wet Bulb	2137993	41365	51.1	5.330	809							93												
Dew Point	1611668	35528	43.9	7.978	809			8.2				93												

USAFETAC FORM 0-26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

16 16 HELLONIKON AB GR STATION NAME

73-81 YEARS

MAR MONTH

PAGE 1 1500-1700 HOURS L.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B. Dry Bulb	Wet Bulb Dew Point																
7 / 77																		2	2																
6 / 75																		3	3																
4 / 73									.1	.1	.2							4	4																
1 / 71							.1	.2	.1	.1								5	5																
1 / 69					.5	.2	.5											11	11																
5 / 67			.1		.4	.4	.2	.1										17	17																
6 / 65			.2	.4	1.9	1.1	1.0	.5										41	41																
4 / 63			.7	6.7	4.2	3.7	.5	.5	.2									134	134	1															
2 / 61			1.9	3.2	3.5	2.1	.9	.1										94	94	12	1														
1 / 59		.1	2.6	6.8	5.2	4.2	2.0	.6	.1									173	174	27	4														
1 / 57		.1	1.2	2.9	4.3	1.9	1.1	.2										95	95	113	10														
5 / 55		.6	.7	4.1	4.1	1.4	.7	.2										95	96	115	30														
4 / 53		.2	1.1	1.2	2.1	.4	.9											47	47	114	61														
2 / 51		.2	.6	1.2	.6	.4	.7											31	32	67	61														
5 / 49	.1	.1	.4	.7	.6	.6												21	22	117	66														
1 / 47		.1		.7	.5	.4	.1											15	15	81	71														
4 / 45			.7	.1	.2	.5												13	13	55	104														
4 / 43				.4	.1													4	4	29	64														
2 / 41		.1	.2	.1														4	4	23	96														
4 / 39		.2																2	2	14	49														
3 / 37		.4																3	3	14	48														
1 / 35																						26													
3 / 33																						26													
2 / 31																						14													
1 / 29																						13													
2 / 27																						21													
1 / 25																						8													
2 / 23																						7													
2 / 21																						4													
1 / 19																						1													
1 / 17																						2													
TOTAL	.1	2.4	10.7	28.5	28.1	17.1	9.0	2.5	.7	.5	.4								807	811		807													
Element (X)	Σ X ²		Σ X		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ				
Rel. Hum.	3011433		48143		59.7		13.150		807		Σ 0 F		Σ 32 F		Σ 67 F		Σ 73 F		Σ 80 F		Σ 93 F		Total												
Dry Bulb	2820286		47606		58.7		5.643		811						4.0		1.0						93												
Wet Bulb	2153546		41462		51.4		5.378		807														93												
Dew Point	1619006		35588		44.1		7.845		807				8.1										93												

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

YEARS

~~MAJ~~

PAGE 1 ~~100C-2240~~

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL			TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	O.B.W.B.	Dry Bulb	Wet Bulb	Dew Point															
4 / 77											.1							1	1																	
7 / 71								.1	.1	.1								3	3																	
1 / 59							.2	.1		.4								6	6																	
6 / 67					.5	.1												5	5																	
6 / 65				.1	.1	.5	.1		.1	.1								9	9																	
4 / 63		.2	.2	2.4	1.5	1.4	.4											49	49																	
1 / 51		.4	2.1	2.9	1.1	.5	.2											58	58	3																
1 / 59		.2	6.1	4.9	5.7	1.4	.9		.1									149	151	11	3															
1 / 57		1.4	3.9	4.5	2.9	.7	.5	.1										112	113	49	4															
5 / 55		.7	3.2	7.2	2.2	1.7	.7	.1										125	125	105	23															
4 / 53		.5	4.7	4.7	2.6	.9	.4											99	99	97	66															
2 / 51		.9	3.7	4.2	1.1	.4	.4											80	80	113	69															
5 / 49		.4	.6	1.9	1.3	.5												35	35	142	52															
4 / 47	.1	.4	.5	.5	.7	.6												23	23	89	82															
4 / 45		.2	1.7	.7	.6	.1												22	23	78	125															
4 / 43			.1	.2	.5	.1												8	8	42	74															
2 / 41		.2	.2	.2	.4													9	9	27	82															
4 / 39		.2	.4	.2														7	7	18	51															
7 / 37			.1															1	1	13	43															
1 / 35			.1															1	1	10	30															
3 / 33																				4	22															
2 / 31																				1	17															
1 / 29																					14															
2 / 27																					23															
1 / 25																					6															
2 / 23																					13															
2 / 21																					3															
TOTAL	.1	5.925	4.33	8.20	3.9	3.9	.5	.4	.7									802	806		802															

Element (X)	ΣX^2	ΣX	\bar{X}	σ_n	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Num.	3597174	52606	65.6	13.527	802	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Dry Bulb	2528990	49942	55.8	5.352	806			1.7	.1			93
Wet Bulb	2016209	39989	49.9	5.276	802			.1				93
Dew Point	1588958	35168	43.9	7.646	802		8.8					92

USAFETAC
FORM
AF 44
0-26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

73-81

YEARS

MAR
MONTH

PAGE 1 2114-2300
HOURS 1 5 1

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

~~MAY~~
MONTH

PAGE 1

ALL
HOURS (L, S, T.)

[illegible]

USAFETAC FORM 0-26-5 (OLA) REV. 4-4

PSYCHROMETRIC SUMMARY

73-81

YEARS

APR
MONTH

PAGE 1 0000-0200
HOURS (L, S, T, I)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
6 / 67							.1											1	1																
6 / 65					.5	.3	.1											7	7																
4 / 63		.1	.4	1.3	1.0	1.7		.3	.1									38	38																
4 / 61		.3	1.4	2.4	1.5	.3	.1	.3	.1									50	50	1	1														
1 / 59		3.1	4.8	5.9	3.1	1.3	.4	.1	.1									145	145	10	1														
1 / 57	.3	2.2	4.8	5.7	2.3	.5												122	122	63	9														
5 / 55	.1	3.1	5.7	6.7	2.0	.1												142	142	96	43														
4 / 53		2.1	5.5	5.3	2.6	.1	.3											123	123	132	64														
2 / 51	.1	1.2	4.1	1.8	1.2	.6	.3											72	72	134	75														
5 / 49		.8	3.2	1.3	.5	.3												47	47	138	102														
1 / 47		.3	1.3	.9	.1													20	20	95	99														
4 / 45		.3	.4	.5	.1													10	11	56	111														
4 / 43																				34	86														
2 / 41																				11	69														
4 / 39																				7	35														
3 / 37																					24														
1 / 35																					28														
3 / 33																					7														
2 / 31																					8														
1 / 29																					5														
2 / 27																					4														
1 / 25																					2														
2 / 23																					3														
2 / 21																					1														
TOTAL	.5	13.1	131.5	31.8	15.6	5.1	1.3	.6	.4									777	778	777	777														

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0-26-5 (OL A)

FORM 44

USAFETAC

PSYCHROMETRIC SUMMARY

YEARS

APR
MONTH

~~0300-0500~~
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																										TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point									
67									.1									1	1											
65							.1	.1										2	2											
63				.8	.3	.6	.1											14	14											
61			2.3	.9	.6	.4			.1									34	34											
59		1.9	4.8	3.9	1.4	.5			.1									98	99											
57		2.1	4.3	5.7	2.2	.5	.4											117	118	48	1									
55		3.1	3.7	6.7	1.4	.3	.1											113	113	64	36									
53	.1	4.1	6.7	4.5	2.2	.3	.3											141	141	98	52									
51		1.8	6.7	3.5	2.2	.3	.1											113	113	114	70									
49		2.1	3.5	2.2	.3	.6												67	68	165	65									
47		1.7	3.7	1.3	.4													49	50	115	80									
45		.8	1.7	.4														17	17	95	161									
43			.1	.4														4	4	40	80									
41			.3															2	2	24	83									
39																				6	54									
37																				3	39									
35																					12									
33																					12									
31																					12									
29																					7									
27																					5									
25																					2									
23																					1									
TOTAL	.1	17.6	35.8	30.3	11.0	3.6	1.2	.3	.1									772	776		772									

Element (X)	ΣX'	ΣX	Σ	σ _s	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	4161416	55986	72.4	12.253	772	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	2315936	42184	54.4	4.061	776			.1				90
Wet Bulb	1929502	38468	49.8	4.119	772							90
Dew Point	1612991	34085	45.3	5.979	772		3.1					90

PSYCHROMETRIC SUMMARY

YEARS

APR
MONTH

PAGE 1 0600-0800
HOURS (L. S. T.)

[illegible]

USAFETAC
FORM
AIR 44
0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

YEARS

APR
MONTH

PAGE 1 1200-1400
HOURS (L S T)

[illegible]

USAFETAC FORM 0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
MAR 64

PSYCHROMETRIC SUMMARY

YEARS

~~ADD~~
~~MONTH~~

PAGE 1 ~~1500-1700~~
~~FOIA b 7 - D~~

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
1 / 79											.3							2	2																
7 / 77										.1								1	1																
6 / 75									.1	.4	.1							5	5																
4 / 73						.1	.3	.1	.3	.1								11	11																
1 / 71					.1	.8	1.6	1.6	.1	.1								33	33																
1 / 69				.1	.3	1.2	1.3	1.0		.3								32	32																
6 / 67		.1	.1	1.7	3.4	1.9	.6		.5	.1								66	66																
6 / 65		.6	1.7	3.8	1.7	2.8	1.6	.3										96	96																
4 / 63	.1	1.7	8.7	6.0	5.6	2.3	1.8	.3										199	200	8															
1 / 61	.3	2.2	4.7	6.0	1.9	1.6	.8											129	129	40	2														
1 / 59	.4	1.7	3.6	3.7	3.1	1.4	.4											105	106	43	12														
1 / 57	.1	.3	1.6	1.6	.4	.6	.3											37	37	172	25														
5 / 55	.1	.6	1.4	1.7	.5	.1												35	35	139	43														
4 / 53	.4	.9	.3	.6	.3													19	19	115	102														
2 / 51		.1																1	1	88	92														
5 / 49	.1																	1	1	71	77														
1 / 47																				36	74														
4 / 45																				17	123														
4 / 43																				3	52														
2 / 41																					60														
4 / 39																					34														
3 / 37																					21														
3 / 35																					19														
3 / 33																					20														
2 / 31																					7														
2 / 29																					4														
2 / 27																					5														
TOTAL	.1	1.4	8.3	20.9	24.6	18.9	14.5	8.2	1.6	1.2	.4							772		772	772														

PSYCHROMETRIC SUMMARY

YEARS

APR
MONTH

PAGE 1 1800-2000
HOURS (L. S. T.)

[illegible]

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE AUG 64

PSYCHROMETRIC SUMMARY

~~ADD~~
MONTH

PAGE 1 ~~2150-2300~~
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

16167 HELLINIKON AB GR

73-81

YEARS

APR
MONTH

PAGE 1

ALL
HOURS (L. S. Y.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
1 / 79											.0							2	2		
7 / 77								.0		.0	.1	.0						3	3		
6 / 75								.0	.0	.1	.0							11	11		
4 / 73						.0	.1	.1	.1	.0								22	22		
2 / 71					.0	.2	.4	.4	.1	.0								68	68		
1 / 69				.0	.1	.5	.5	.3	.1	.1								106	106		
6 / 67			.0	.1	.5	.9	.8	.2	.1	.1								174	174		
6 / 65			.2	.8	1.6	1.2	1.1	.4	.1	.0								336	336		
4 / 63		.2	.7	4.1	3.0	3.4	1.0	.6	.2	.0								828	831	21	
2 / 61		.5	2.4	3.5	3.4	1.2	.9	.3	.1									761	761	108	7
1 / 59	.0	1.3	4.1	5.6	4.3	2.2	.9	.3	.0									1163	1168	25	46
2 / 57	.0	1.4	2.4	3.7	2.5	.9	.4	.0										702	704	82	118
5 / 55	.1	1.3	2.4	4.4	2.1	.8	.1											693	693	915	344
4 / 53	.0	1.4	3.1	2.7	1.5	.3	.1											571	572	992	576
2 / 51	.1	.8	2.8	1.4	1.0	.3	.0											401	401	893	642
5 / 49	.2	.6	1.2	.8	.4	.2												200	201	922	612
4 / 47	.0	.4	.8	.5	.1													118	119	611	719
4 / 45		.2	.3	.2	.0													43	44	366	1022
4 / 43			.0	.1														7	7	173	565
2 / 41			.0															3	3	66	570
4 / 39			.0															1	1	26	324
3 / 37																			4		219
3 / 35																				1	140
3 / 33																					136
2 / 31																					78
3 / 29																					47
2 / 27																					30
2 / 25																					12
2 / 23																					5
2 / 21																					1
TOTAL	.3	8.0	20.5	28.0	20.6	12.1	6.3	2.7	.9	.4	.0							6213	6227	6213	6213
																		6213	6213		
Element (X)	Σx ²		Σx		Σ		Σ ²		No. Obs.		Mean No. of Hours with Temperature										
Rel. Hum.	27476009		403817		65.0		14.070		6213		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total				
Dry Bulb	21675097		365867		58.8		5.356		6227				44.6	4.4			720				
Wet Bulb	17153961		325279		52.4		4.470		6213								720				
Dew Point	13613966		288182		46.4		6.306		6213				20.0				720				

USAFETAC FORM 0-26-5 (O.L.A.) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

73-81

YEARS

~~MAY~~
MON 11

PAGE 1 ~~0000-3230~~
HOURS 11:51 PM

[illegible]

USAFETAC
FORM 0-26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 44

PSYCHROMETRIC SUMMARY

73-81

YEARS

 MAY
MONTH

PAGE 1 0300-0500
HOURS (L. S. T.)

[illegible]

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

YEARS

MONITOR

PAGE 1 ~~2626-9890~~

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
/ 70									.1									1	1																
7 / 77								.1		.1	.1							3	3																
6 / 75					.1	.1	.2	.2			.1							12	12																
4 / 71				.1	.1	1.1	.5	.5	.5	.4								26	26																
/ 71				.4	1.0	.9	.5	.1	.4	.1								27	27																
/ 69		.1	.4	1.1	2.6	1.7	.6	.7	.2	.1								62	62																
5 / 67			.6	1.5	4.6	1.4	.5	.7	.1	.1								77	78	3															
6 / 65		.2	1.9	4.1	2.7	1.3	2.2	.1										99	99	9	1														
4 / 63		1.5	3.6	11.0	5.8	3.0	.5		.1									206	207	62	3														
/ 61	.1	.9	3.6	5.2	4.1	.7	.4											121	121	115	21														
/ 59	.1	2.5	4.7	4.4	3.7	.7	.2											121	122	123	78														
/ 57		1.3	.7	1.7	.1													29	29	175	91														
5 / 55		.5	.6	1.4														20	20	147	120														
4 / 53		.1	.1	.4														5	5	98	125														
2 / 51	.1																	1	1	54	98														
5 / 49																				21	51														
/ 47																				3	63														
4 / 45																					93														
4 / 43																					28														
2 / 41																					19														
4 / 39																					9														
3 / 37																					5														
2 / 35																					1														
3 / 33																					3														
2 / 31																					1														
TOTAL	.4	6.8	15.4	31.2	22.4	110.6	6.3	2.6	1.5	.9	.2								813		810														
																		810		810															

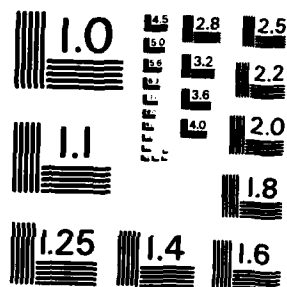
UNCLASSIFIED

HELLENIKON AB GREECE REVISED UNIFORM SUMMARY OF SURFACE
WEATHER OBSERVATI. (U) AIR FORCE ENVIRONMENTAL
TECHNICAL APPLICATIONS CENTER SCOTT A. 20 JUL 82
USAFETAC/DS-82/046 SRI-AD-880 208 F/Q 4/2

448

F/O 4/2

NL



MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A

PSYCHROMETRIC SUMMARY

YEARS

 MAY
MONTH

PAGE 1 1500-1700
HOURS (11:55-1:00)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																														TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point													
8 / 87												.1		.2	.1			4	4															
6 / 85										.1	.2		.1					4	4															
4 / 83									.2	.1	.9	.5	.2	.2				16	18															
2 / 81							.1	1.2	.7	.6	1.1	.4	.5					38	38															
0 / 79						.6	.1	1.7	1.0	.4	.1	.2	.2					36	36															
7 / 77					.5	1.4	2.9	1.2	1.6	1.0	.7	.5						79	80															
6 / 75				.2	.6	2.0	3.2	1.4	1.6	.1	.4							77	78															
4 / 73				.7	1.5	2.5	2.7	1.7	.6	.2	.4							84	85															
2 / 71			1.0	4.2	3.7	2.6	1.6	.4	.2	.1								112	112															
0 / 69		.2	2.2	3.6	5.6	3.1	.5	.1										124	125	18														
6 / 67		.5	2.7	5.6	2.6	.9	.1	.1										95	95	42														
6 / 65			1.1	1.9	3.4	.7	.7											62	62	81	5													
4 / 63		.1	.7	1.5	1.2	.9	.1		.4									40	40	174	32													
2 / 61		.2	.4	.9	.4	.4												18	18	156	41													
0 / 59	.2	.5	.2	.1	.1													10	10	170	132													
8 / 57			.5															4	4	120	84													
5 / 55																				35	104													
4 / 53																				23	108													
2 / 51																				3	85													
5 / 49																				2	51													
0 / 47																				1	53													
4 / 45																					51													
4 / 43																					15													
2 / 41																					14													
4 / 39																					8													
3 / 37																					8													
1 / 35																					6													
3 / 33																					4													
2 / 31																					2													
0 / 29																					2													
TOTAL	.2	.9	3.6	10.6	21.1	20.4	16.5	9.6	6.8	2.9	4.0	1.7	1.1	.5	.1			805	809	805	805													

USAFETAC FORM 0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 64

PSYCHROMETRIC SUMMARY

YEARS

MAY
MONTH

PAGE 1 2150-2300
HOURS (L. S. T.)

[illegible]

USAFETAC
FORM
28-44
0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

YEARS

JUN
MONTH

2000-3200
HOURS (L. S. T.)

[illegible]

USAFETAC
FORM
JUL 64
0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

73-81

YEARS

— JULY
MONTH

PAGE 1 ~~0950-1100~~
HOURS 11:30 - 1:00

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
1 / 90															.1			1	1																
8 / 87								.1	.1	.3	.3	.5	.5					14	14																
6 / 85							.1	.3	.3	.5	.6	.9						21	21																
4 / 83						.3	.4	.9	.6	1.2	1.3	.8	.1					43	43																
1 / 81						.8	5.7	3.1	3.6	1.5	1.3	.9						131	131																
1 / 79					.5	5.0	3.1	1.8	1.8	.9	1.0	.5						114	115																
7 / 77				.6	3.1	4.1	5.9	2.3	1.9	1.2	.4	.4						154	154																
6 / 75				.8	3.1	4.2	2.4	1.4	.9	.4								103	103																
4 / 73				1.9	2.6	3.7	1.5	.9	1.2									88	88	9															
1 / 71			.4	1.3	2.4	2.1	.8	.5	.1									57	57	27															
1 / 69			.4	1.4	.8	.3												22	22	127	4														
1 / 67			.3	.6	.6			.1										13	13	153	17														
6 / 65			.3	.4	.3													7	7	156	28														
4 / 63			.3		.3													4	4	126	156														
1 / 61																				92	73														
1 / 59			.1	.3														3	3	49	134														
1 / 57		.3	.1															3	3	28	86														
5 / 55																				9	68														
4 / 53																				2	47														
2 / 51																					47														
5 / 49																					33														
1 / 47																					24														
4 / 45																					26														
4 / 43																					12														
2 / 41																					13														
4 / 39																					1														
3 / 37																					4														
1 / 35																					2														
3 / 33																					1														
TOTAL		.3	1.2	5.7	14.5	20.8	20.1	11.3	10.7	5.9	4.9	4.0	.8					778	779		778														
																	</																		

PSYCHROMETRIC SUMMARY

73-81

YEARS

 MONTH

PAGE 2 1200-1400
HOURS 12:30-1:30

[illegible]

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

YEARS

JUN
MON 1968

PAGE 2 1520-1700
HOURS 5-1

[illegible]

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUL 64

PSYCHROMETRIC SUMMARY

JUN
MONTH

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point														
1 / 93														.1				1	1																
1 / 91										.1						.1		2	2																
1 / 89										.1	.1	.3		.5		.1		9	9																
8 / 87									.1	.3	.8	.6	.1	.3				17	17																
6 / 85							.3	.3	.6	.4	.6	.9	.9					31	31																
4 / 83							.1	.5	1.2	1.4	1.4	1.3	.1	.3				49	49																
1 / 81					.1	.8	2.4	3.1	4.4	2.3	2.2	.8	.5	.3				131	131																
1 / 79				.1	.5	2.3	3.1	3.5	1.9	.8	.9	.4	.3					127	127																
7 / 77				.5	1.3	3.2	3.9	3.2	2.3	.6	.8	.5	.1					132	132																
5 / 75			.1	.8	2.6	3.0	2.6	2.2	.4	.4	.6							98	98																
4 / 73			.1	1.3	1.8	3.1	2.7	.5	.4			.3						83	83	12															
1 / 71			.4	1.8	2.3	1.8	.3	.4	.3									56	56	18	1														
1 / 69			.4	.9	.8	.8	.4											25	25	89	5														
5 / 67			.1	.4	.8	.1	.1											12	12	131	11														
6 / 65			.1	.5	.4													8	8	168	33														
4 / 63		.1	.5	.9	.1													13	13	153	86														
1 / 61				.1														1	1	111	86														
1 / 59			.3															2	2	42	119														
1 / 57																				33	76														
5 / 55																				17	88														
4 / 53																				1	83														
2 / 51																				2	46														
5 / 49																					38														
1 / 47																					17														
4 / 45																					27														
4 / 43																					18														
2 / 41																					16														
4 / 39																					5														
3 / 37																					9														
1 / 35																					2														
3 / 33																					2														
2 / 31																					5														
2 / 27																					4														

Element (X)	$\Sigma X'$	ΣX	\bar{X}
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PSYCHROMETRIC SUMMARY

YEARS

U.S.
MONTANA

PAGE 2 1600-2300
HOURS 11-5

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																														TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point													
TOTAL	.1	2.1	7.9	11.2	15.1	15.9	13.6	11.6	6.4	7.5	5.0	2.1	1.4	.1	.1						777		777											
																						777		777										
Element (X)	Z _R	Z _R	X	e _a	No. Obs.	Mean No. of Hours with Temperature							Total																					
Rel. Hum.	2.87505	38573	49.614	914	777	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F																							
Dry Bulb	4691131	62231	77.5	5.347	777			87.2	76.4	32.0	.1	90																						
Wet Bulb	3261228	53256	64.7	3.712	777			29.0	1.4			90																						
Dew Point	2471824	43466	55.9	7.207	777		1.0	2.0				90																						

PSYCHROMETRIC SUMMARY

73-A1

YEARS

JUL
MONTH

PAGE 1

ALL
HOURS

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																														TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point													
6 / 25																		1	1															
7 / 23																		12	12															
7 / 21																		31	31															
7 / 19																		59	59															
8 / 17																		129	129															
7 / 15																		163	163															
7 / 13																		246	246															
7 / 11																		718	718															
7 / 9																		579	582															
7 / 7																		826	812	3														
6 / 75																		701	703	12														
4 / 73																		687	687	59	2													
7 / 71																		716	716	188	9													
7 / 69																		468	468	650	55													
7 / 67																		351	351	946	91													
6 / 65																		267	267	1159	233													
4 / 63																		202	202	1164	872													
7 / 61																		57	57	899	686													
7 / 59																		38	38	572	1210													
7 / 57																		3	3	350	693													
5 / 55																				155	649													
4 / 53																				39	550													
2 / 51																				20	407													
5 / 49																				278														
7 / 47																				197														
4 / 45																				191														
4 / 43																				105														
2 / 41																				81														
4 / 39																				35														
3 / 37																				22														
7 / 35																				21														
3 / 33																				20														
2 / 31																				9														
3 / 29																				2														
Element (X)	Σ X'	Σ X	X	σ _x	No. Obs.	Mean No. of Hours with Temperature																												
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F																							

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

167190 STATION ELLENIKON AB GP STATION NAME

73-81 YEARS

JUN MONTH

PAGE 2

ALL

HOURS ALL S. Y.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								

PSYCHROMETRIC SUMMARY

YEARS

JUL
MONTH

PAGE 1 0300-0500
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point											
1 / 91															.1				1	1												
6 / 87												.1							1	1												
6 / 85										.3		.1							3	3												
4 / 83									.4	.1	.4	.4							12	12												
1 / 81						.3	.8	1.8	2.2	1.3	.4								52	52												
1 / 79				.4	.4	1.3	1.1	2.3	1.9	1.0	.1								67	68												
7 / 77				1.3	3.2	1.9	2.8	2.8	2.9	.1									118	119												
6 / 75		.1	.9	2.2	4.2	4.0	3.8	3.3	1.0										153	153												
4 / 73		.1	.6	4.5	2.7	5.0	5.1	2.7	.9	.1									165	165	5											
1 / 71			1.7	2.8	3.4	2.9	3.2	.8	.1										112	112	27	3										
1 / 69			1.1	1.3	2.2	1.9	1.3	.6	.1										67	68	70	13										
6 / 67		.1	.4	.6	1.0	.4	.4	.4											26	26	125	25										
6 / 65			.5	.3			.1	.1											8	9	146	49										
4 / 63						.1													1	1	170	104										
1 / 61																					150	69										
1 / 59																					58	117										
1 / 57																					21	83										
5 / 55																					8	90										
4 / 53																					3	61										
2 / 51																					1	62										
5 / 49																						49										
1 / 47																						31										
4 / 45																						15										
4 / 43																						8										
2 / 41																						4										
4 / 39																						2										
TOTAL	.4	4.6	13.3	17.1	17.7	18.6	14.2	9.6	2.9	.9	.6			.1					784	784	784											

PSYCHROMETRIC SUMMARY

YEARS

MONTH

PAGE 1 2600-0800
HOURS (L - S - T)

[illegible]

USAFETAC FORM 0.26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

YEARS

JUL
MONTH

PAGE 1 1220-1400
HOURS 12, 5, 7

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

20
MONTH

PAGE 2 1200-1400
HOURS 11.5.11

[illegible]

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

YEARS

 JUL
 MONTH
1523-1700
 HOURS 15. 5. T.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

161600 HELLONIKON AB GR
STATION STATION NAME

73-81

YEARS

JUL
MONTH

PAGE 1 1500-1700
HOURS G. S. T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
73																																			
74																																			
75																																			
76																																			
77																																			
78																																			
79																																			
80																																			
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95																																			
96																																			
97																																			
98																																			
99																																			
100																																			

Element (X)	$\Sigma X'$	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total
						$\pm 0 F$	$\pm 32 F$	$\pm 67 F$	$\pm 73 F$	$\pm 80 F$	$\pm 93 F$	
Rel. Hum.	1511828	32730	41.6	13.302	786							
Dry Bulb	5949423	68561	86.5	5.246	793			93.0	93.0	87.3	13.6	93
Wet Bulb	3780650	54442	69.3	3.523	786			74.1	17.6			93
Dew Point	2779659	46377	59.1	7.422	786		.2	11.6	.5			93

PSYCHROMETRIC SUMMARY

YEARS

3 JUL
MONTH

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

16 16 HELLINIKON AB GR

73-81

YEARS

MONTH

PAGE 1 2100-2300
HOURS (L, S, T)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																																	TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B. Dry Bulb		Wet Bulb Dew Point																		
7 / 95															.3																		2	2				
7 / 91															.1	.1																	2	2				
7 / 87										.1		.1	.5	.4	.3	.3	.1																14	14				
6 / 87												.3	.9	.3																			11	11				
6 / 85									.7	.4	.1	.6	.9	1.4	.1																		30	30				
5 / 83							.1	.1	.5	.4	1.3	.6	1.6	.8	.3																			45	45			
7 / 81					.4	.2	1.7	3.5	2.8	3.8	2.0	2.9			.3																			141	141			
7 / 79			.3	1.3	2.2	5.2	1.2	3.3	3.2	1.9	1.6		.4																					166	166			
7 / 77		.3	.1	1.4	4.6	4.3	4.6	2.9	2.5	1.1	.4																							175	175	1	1	
6 / 75			.6	2.7	3.3	2.3	1.4	2.3	1.7	.4	.3																							112	112	9	1	
4 / 73			.4	1.8	1.5	.9	1.9	.4	.4	.1																								58	58	29	4	
7 / 71			.1	.5	2.2	.3	.1		.3																									26	26	61	12	
7 / 69			.1	.1	.1	.3																												5	5	139	24	
5 / 67																																					138	51
6 / 65		.1																																	1	1	164	57
4 / 63		.1																																	1	1	103	113
7 / 61																																					95	81
7 / 59																																					38	89
7 / 57																																					7	57
5 / 55																																					5	47
4 / 53																																						56
2 / 51																																					59	
5 / 49																																					39	
7 / 47																																					36	
4 / 45																																					35	
4 / 43																																					12	
2 / 41																																					17	
4 / 39																																					5	
TOTAL		.5	1.6	8.1	14.7	14.6	14.2	12.5	12.4	7.0	8.5	3.8	1.5	.4	.1																			789	789	789		

Element (X)	Σx	Σx	X	σ _x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	2271069	40613	51.5	15.137	789	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	
Dry Bulb	4903301	62115	78.7	4.096	789			92.8	89.1	36.7	.2	93
Wet Bulb	3480240	52314	66.3	3.837	789			44.4	4.6			93
Dew Point	2717213	45939	58.2	7.339	789			11.0	.7			93

USAFETAC FORM 0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

YEARS

MONTE

PAGE 2

ALL
HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B.-W.B. Dry Bulb	Wet Bulb Dew Point																
1 / 31																																			
1 / 29																																			
TAL	.2	1.6	5.3	9.6	13.5	16.6	14.7	12.3	8.1	6.6	5.1	2.5	1.6	1.1	.8	.7	63.0	62.8																	
																	62.8	62.8																	

USAFETAC FORM 0-26.5 (OL A)
JUL 64
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

73-61

YEARS

 AUG
MONTH

0900-1100
HOURS L. S. T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point															
1 / 97															.3			2	2																	
6 / 95												.1	.1			.3		4	4																	
1 / 93													.6	.4				8	8																	
1 / 91											.1	.3	.3	.3	.3	.1		10	11																	
1 / 89									.1	.4	.5	.5	1.0	.3	.1			23	24																	
6 / 97							.1	.1	.4	.4	1.4	1.4	1.4	.3	.1			44	44																	
6 / 95						.3	.4	.8	.9	1.8	1.8	1.5	.1	.1				67	60																	
1 / 93					.4	.6	.6	.5	2.4	3.2	2.7	.6	.1					88	88																	
1 / 91				.8	2.0	2.3	6.3	5.7	5.4	4.3	2.9	.3						235	235																	
1 / 79			.8	1.0	2.9	1.9	4.6	3.2	2.8	.6	.3							142	142																	
7 / 77			.1	.5	2.2	4.9	4.6	2.8	.5	.3								124	124	1																
1 / 75			.1	1.2	.9	.8	.4											25	25	18																
4 / 73		.1	.3	.6	.4	.1												12	12	39	4															
1 / 71				.3	.3	.1												5	5	66	17															
1 / 69					.1													1	1	118	23															
5 / 67																				140	23															
6 / 65																				186	43															
4 / 63																				125	67															
1 / 61																				71	57															
1 / 59																				15	111															
1 / 57																				4	84															
5 / 55																					83															
4 / 53																					69															
2 / 51																					72															
5 / 49																					49															
1 / 47																					45															
4 / 45																					19															
4 / 43																					4															
2 / 41																					11															
3 / 37																					2															
TOTAL				1.9	4.3	10.2	15.8	17.4	15.6	13.4	10.3	5.0	3.7	1.5	.8	.1		783	785	783																
																		783		783																
Element (X)	ΣX ²			ΣX			ΣX			ΣX			ΣX			No. Obs.			Mean No. of Hours with Temperature																	
Rel. Hum.	1694838			35118			44.9			12.374			783			≥ 0 F			≥ 32 F			≥ 67 F			≥ 73 F			≥ 80 F			≥ 93 F			Total		
Dry Bulb	5253222			64134			81.7			4.152			785									93.0			92.3			65.6			1.7			93		
Wet Bulb	3500692			52279			66.8			3.626			783									45.4			6.9									93		
Dew Point	2602502			44832			57.3			6.744			783									8.0			.5									93		

USAFETAC
FORM
AA 44
0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

YEARS

AUG
MONTH

PAGE 2 1200-1400
HOURS - S. Y.

[illegible]

USAFETAC
FORM
JUL 64
0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

YEARS

AUG
MONTH

PAGE 1 1520-1740
HOURS 15. 5. 1.

USAFETAC FORM 0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

73-51

YEARS

ALL
MONTH

PAGE 2 1500-1700
HOURS (U. S. T.)

[illegible]

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

73-61

YEARS

AUG
MONTH

PAGE 2 1870-2000
HOURS 11.5.11

[illegible]

USAFETAC
FORM
RA 44
0-26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

26 16 HELLENIKON AE GR
STATION STATION NAME

73-61

YEARS

ALL 5 MONTH

PAGE 1 2100-2300
HOURS U. S. T.

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

AUG
MONTH

ALL
HOURS

PSYCHROMETRIC SUMMARY

73-61

YEARS

AUC
MONT

PAGE 3

ALL
HOURS 11.5.7.

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

16.1c STATION HELLENIKON AB GR STATION NAME

73-81 YEARS

SEP MONTH

PAGE 1 0000-1200 HOURS

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point														
1 / 71										.3	.4							5	5																
1 / 73							.4	.4	.4	.1	.1							11	11																
7 / 77				.5	.5	.3	.6	2.6	1.6									47	47																
6 / 75			.3	1.2	1.3	1.4	3.8	2.9	.6									88	88																
4 / 73		.3	.3	1.6	2.6	2.3	4.2	2.3	.9									111	111																
1 / 71		.1	2.2	2.7	5.2	4.2	2.9	2.6	.1	.1								155	155																
1 / 69			1.9	1.8	4.4	4.4	1.9	.9	.4									122	122	23	10														
1 / 67			1.2	2.6	3.8	3.1	1.3	.6	.1									98	98	52	9														
6 / 65	.1		.9	1.3	2.5	.9	3.4	.4										71	71	89	37														
4 / 63			.5	.1	1.2	1.6	.9											33	33	157	51														
1 / 61			.6	.4	.4	.5	.4											18	18	152	44														
1 / 59			.1		.4	.1												5	5	114	27														
1 / 57		.1		.5	.1													6	6	75	89														
5 / 55																					83														
4 / 53																				29	97														
2 / 51																					51														
5 / 49																				4	50														
1 / 47																					43														
4 / 45																					45														
4 / 43																					24														
2 / 41																					12														
4 / 39																					12														
3 / 37																					2														
1 TOTAL	.1	.5	8.1	12.5	22.3	10.2	10.7	12.7	4.2	.6								770	771		770														

Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	2735927	44863	58.3	12.5	770	= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F	90
Dry Bulb	3866179	54497	70.7	4.285	771			74.5	30.1	1.4		90
Wet Bulb	2922393	47323	61.5	4.266	770			9.8				90
Dew Point	2341769	42169	54.8	6.490	770			2.3				90

PSYCHROMETRIC SUMMARY

YEARS

SEP
MONTH

PAGE 1 2320-2520
HOURS: 11:51 A.M.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL			TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	O.B. W.B.	Dry Bulb	Wet Bulb	Dew Point															
1 / 31								.1	.1									2	7																	
1 / 74							.3	.1										5	5																	
7 / 77					.3	.7	1.0	.9	1.3	.1								33	33																	
6 / 75				.3	.9	.7	2.2	1.6	.3									45	45																	
4 / 73				1.6	1.4	1.6	2.7	2.3	.4	.1								78	78																	
1 / 71		.3	.7	2.3	2.6	4.0	4.4	1.3										122	122	1																
1 / 69			1.8	3.1	3.1	4.9	2.7	.9	.3									129	131	7	1															
1 / 67			2.2	3.4	4.7	3.4	.8	.5										117	117	45	3															
6 / 65		.5	1.4	3.4	3.6	3.1	1.7	.3										108	108	52	6															
4 / 63		.3	1.0	2.3	1.9	3.0	.9											72	72	128	55															
1 / 61			.9	.9	.5	.9	.1											26	26	165	54															
1 / 59			.7	.5	1.2	.9												25	25	135	93															
1 / 57				.5	.3													6	6	101	68															
5 / 55																				55	105															
4 / 53																				78	96															
2 / 51																				22	79															
1 / 49																				9	65															
1 / 47																					46															
4 / 45																					44															
4 / 43																					22															
2 / 41																					23															
4 / 39																					5															
3 / 37																					3															
1 TAL	1.0	9.0	18.2	20.7	23.2	16.9	8.2	2.5	.3										768	768	768															

Element (X)	Z _K ¹	Z _K	X	°A	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	2086262	46156	67.1	12.102	768	± 0 F	± 32 F	± 67 F	± 73 F	± 80 F	± 93 F	
Dry Bulb	363.067	53125	69.7	4.385	770			62.3	19.1	.6		70
Wet Bulb	218773	46423	67.4	4.063	768			6.2				90
Dew Point	2275484	41552	54.1	5.971	768			.5				90

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
METAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

16 1b STATION HELLENVIKON AB GP STATION NAME

73-81 YEARS

SEP MONTH

PAGE 1 0600-0800 HOURS

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B.-W.B. Dry Bulb	Wet Bulb	Dew Point															
77						.1	.1	.3	.3									6	6																
7 / 77						.7	.5	.8	1.5	.9	.1	.1						38	39																
6 / 75				.5	1.1	1.6	2.2	1.7	.8									60	61																
4 / 71			.1	2.1	2.1	4.9	3.7	2.4	.3									118	118																
7 / 71		.1	1.1	2.4	3.2	4.7	4.7	1.2	.1									127	128																
7 / 69			2.2	2.4	2.1	6.9	2.2	.8	.1									127	127	16															
6 / 67			1.5	1.7	4.9	2.8	1.2	1.2										100	100	41	8														
6 / 65		.1	.9	2.3	2.9	3.0	.4	.1										72	72	76	9														
4 / 63			1.1	2.2	2.1	2.2	.4	.1										62	62	141	53														
7 / 61			.3	1.2	1.1	1.2	.3											30	30	146	56														
7 / 59			.7	.1	.8	.4												12	12	141	75														
7 / 57				.4	.4													6	6	86	92														
5 / 55																				53	93														
4 / 53																				31	97														
2 / 51																				20	87														
5 / 49																				7	50														
7 / 47																					50														
6 / 45																					41														
4 / 43																					24														
2 / 41																					22														
7 / 39																					2														
3 / 37																					1														
TOTAL		.3	7.4	15.0	21.2	27.6	16.1	9.6	2.5	.1	.1							758	761	758															

Element (X)	ΣX^2	ΣX	\bar{X}	σ^2	No. Obs.	Mean No. of Hours with Temperature					Total
Rel. Hum.	2734064	44722	59.011	368	758	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F
Dry Bulb	3720206	53106	69.8	4.327	761			68.5	26.5	.4	
Wet Bulb	2818255	46117	60.8	4.060	758			6.8			
Dew Point	2266565	41207	54.4	5.910	758			.9			

USAFETAC FORM 0-26-5 (OL A) REWARD PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

YEARS

SEP
MON

PAGE 1 0900-1100
HOURS U. S. T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. - W.B.	Dry Bulb	Wet Bulb	Dew Point														
1 / 89									.1									1	1																
6 / 87									.1		.3	.1	.1					5	5																
5 / 85								.1		.3	.4	.1	.1					8	8																
4 / 83						.1	.1	.4	.4	1.0	.8	.6						27	27																
1 / 81				.3		1.3	2.7	2.0	3.7	2.7	1.7	.4						175	176																
1 / 79			.3	.8	2.6	2.7	3.4	3.1	2.7	.6	.4							124	125																
1 / 77		.1	2.0	3.4	5.1	5.5	3.8	1.0	.3									168	169																
6 / 75		.1	.5	2.6	2.7	4.3	2.7	1.9	.5	.1								121	122	2															
4 / 73		.3	.6	2.3	2.2	2.9	2.8	1.5	.3									95	95	10	1														
1 / 71			.1	1.7	1.7	2.4	1.8	.8										61	61	25	3														
1 / 69				.4	1.1	1.1	1.1	.1										31	31	73	5														
1 / 67				.3	.3	.4	.4											10	10	88	12														
6 / 65			.3	.1		.6	.1											9	9	146	31														
4 / 63			.3	.1	.3	1.7												13	13	170	63														
1 / 61																				112	66														
1 / 59					.5													5	5	73	85														
1 / 57					.1													1	1	48	87														
5 / 55																				16	76														
4 / 53																				8	88														
2 / 51																				12	72														
1 / 49																				1	55														
1 / 47																					46														
4 / 45																					57														
4 / 43																					16														
2 / 41																					23														
4 / 39																					4														
3 / 37																					1														
TOTAL		.5	2.4	11.0	14.9	22.2	19.6	15.6	7.8	4.1	1.7	.3						784	784	764															

Element (X)	Σ X²	Σ X	X	X²	No. Obs.	Mean No. of Hours with Temperature						Total
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	
Rel. Hum.	1973.24	38314	48.9	11.336	784							
Dry Bulb	4613467	60181	76.4	4.693	788			96.8	75.7	22.4		97
Wet Bulb	3203630	50004	63.8	4.276	784			22.7	1.4			90
Dew Point	2413315	43183	55.1	6.665	784			2.4	.1			90

PSYCHROMETRIC SUMMARY

YEARS

SEE
MONTH

PAGE 1 1230-1400
HOURS: L, S, T, I

PSYCHROMETRIC SUMMARY

YEARS

SEP
MONTH

PAGE 1 1500-1700
HOURS 1500-1700

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
1 / 92												.1		.3				3	3																
1 / 91												.1	.1	.1				4	4																
1 / 89								.1	.5	.3	.3	.1	.5	.1	.1			16	16																
8 / 87								.1	.8	.4	.9	1.4	1.5	.1				41	41																
5 / 85							.1	.3	.4	1.4	1.4	2.0	.8					57	57																
3 / 83						.1	.3	1.7	1.1	2.3	2.8	1.4	.1					77	77																
1 / 81					.9	1.3	4.6	4.1	4.2	2.9	2.0	.6	.1					167	169																
1 / 79					.4	4.5	2.4	3.3	1.7	1.9	.9	.4						121	121																
7 / 77				1.1	2.7	2.4	3.8	2.0	2.5	2.2	.6	.1						133	138																
4 / 75			.1	.5	2.	1.5	2.7	1.5	.6	.4								74	74	1															
4 / 73				.4	.4	1.7	1.7	1.7	.6									40	40	23															
1 / 71			.1	.5	.5	.6	.6	.4										24	24	57	1														
1 / 69					.1	.1	.1	.1										4	4	124	17														
1 / 67			.1	.1	.3		.3		.3									6	8	119	19														
6 / 65		.1				.1	.1	.1										4	4	167	48														
4 / 63					.4		.6	.1										9	9	124	96														
1 / 61						.3	.1											3	3	90	58														
1 / 59																				49	88														
1 / 57				.1	.1													2	2	19	75														
5 / 55				.1														1	1	8	60														
4 / 53																				2	73														
2 / 51																				10	60														
5 / 49																				3	49														
1 / 47																					54														
4 / 45																					37														
4 / 43																					21														
12 / 41																					14														
4 / 39																					13														
3 / 37																					3														
TOTAL	.1	.4	2.4	8.0	12.3	17.4	15.0	13.2	11.7	9.0	6.4	3.2	.6	.1				786	786	786															
																		786	756																

Element (X)	Z _X ¹	Z _X	Y	σ _y	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Num.	1607059	36257	46.1	13.093	786	≤ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	5010104	62694	79.6	5.301	788			87.8	83.7	46.7	.3	90
Wet Bulb	3374945	51431	65.4	4.315	786			37.1	2.7			90
Dew Point	2508657	44039	56.7	7.243	786			4.2				90

PSYCHROMETRIC SUMMARY

73-81

YEARS

SEP
MONTH

PAGE 1 1800-2000
HOURS 10:50-1:10

PSYCHROMETRIC SUMMARY

YEARS

SEP
MONTH

PAGE 1 2100-2300
HOURS: 10:00 A.M. - 5:00 P.M.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
6 / 50												.1						1	1																
4 / 37										.1								1	1																
7 / 41				.1	.1		.1	.1	.4	.3								9	9																
7 / 79					.1	.4	.1	1.4	1.2	1.0		.1						34	34																
7 / 77				.1	1.5	.8	3.2	2.1	3.6	1.7								101	101																
6 / 75			.3	1.2	2.3	3.1	4.1	3.0	.8	.3	.1							118	118																
4 / 73		.3	.8	3.3	2.8	3.3	3.0	1.5	1.2									126	126	2	1														
7 / 71			.9	2.3	3.6	5.8	4.7	2.1	.8									151	152	7	1														
7 / 69		.3	1.7	1.7	2.4	2.7	2.3	1.4	.4									100	100	33	6														
7 / 67			.6	1.2	3.2	1.9	1.7	.8	.1									73	73	74	12														
6 / 65		.1	.1	.4	.9	1.5	.5											28	28	124	26														
4 / 63			.1	.5	.3	.6	.6	.1										13	13	152	72														
7 / 61		.1	.3		.1	.1	.3											7	7	157	54														
7 / 59				.1	.6	.5												10	10	97	93														
7 / 57					.3													2	2	68	94														
5 / 55																				29	72														
4 / 53																				16	83														
2 / 51																				10	73														
5 / 49																				9	43														
7 / 47																					56														
4 / 45																					47														
4 / 43																					17														
2 / 41																					17														
5 / 39																					6														
3 / 37																					3														
TOTAL		.6	4.7	10.9	18.4	20.8	19.9	12.5	8.3	3.3	.1	.3						779	762		779														
																		779		779															

Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	2567340	43576	55.9	12.915	779	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Dry Bulb	4097783	56433	72.4	4.263	780			82.5	45.0	3.7		93
Wet Bulb	3036808	48530	62.3	4.165	779			13.5	.3			90
Dew Point	2401225	42943	55.1	6.607	779			2.3	.1			90

USAFETAC
FORM
JUL 64
D-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

73-31

YEARS

SEP
MONTH

PAGE 1

ALL
HOURS S. T.

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

YEARS

QCT
MONTH

PAGE 1 1000-1200
HOURS S. Y.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
7 / 77						.7		.1	.2									5	5																
6 / 75				.2	.1	.1	.1	.4										5	5																
4 / 73			.2	.5	.4	.6	.2	.5	.1									21	21																
1 / 71			1.6	1.2	3.1	1.6	1.0	.5										77	77																
1 / 69		.1	2.9	1.7	3.7	1.6	.1	.2	.1									79	79	6															
1 / 67	.2	.1	3.3	4.5	4.1	1.9	1.4	.2										127	127	27	8														
6 / 65		1.1	2.9	3.5	3.1	1.4	1.6	.1										110	110	53	16														
4 / 63		.2	2.7	4.5	1.9	3.6	.9	.1										117	117	22	52														
1 / 61		.4	1.7	2.1	1.2	1.6	.6											56	56	124	31														
1 / 59		1.4	2.2	2.1	2.5	1.7												74	74	106	70														
1 / 57		1.1	.4	1.1	2.1	.7												44	44	120	83														
5 / 55		.2	.9	1.7	1.5	.1	.2											38	38	77	65														
4 / 53		1.7	1.2	.6	.7	.1												30	30	77	93														
1 / 51		.1	.5	.7	.2													13	13	60	73														
5 / 49				.1														4	4	47	44														
1 / 47		.2	.1	.1														4	4	29	56														
4 / 45																				14	74														
4 / 43																				5	37														
2 / 41																					36														
4 / 39																					15														
3 / 37																					14														
1 / 35																					8														
2 / 31																					1														
1 / 29																					1														
1 / 25																					1														
TOTAL	.2	6.7	20.3	24.7	24.5	14.6	6.2	2.2	.5									807	807	807	807														

Element (X)	ΣX'	ΣX	Σ	Σ _s	No. Obs.	Mean No. of Hours with Temperature						Total
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	
Rel. Hum.	3748.41	53995	66.7	12.958	807							
Dry Bulb	3361.69	51877	64.3	5.704	807			36.5	3.0			93
Wet Bulb	2723241	46665	57.8	5.550	807			3.8				93
Dew Point	27753	42465	52.6	7.262	807		.3	.9				93

PSYCHROMETRIC SUMMARY

YEARS

GC I
MONTH

PAGE 1 2322-2500
HOURS 11:50 A.M. 1:00 P.M.

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

16 10 HELLONIKON AB GP
STATION STATION NAME

73-51

YEARS

QCI
MONTH

PAGE 1 1270-1400
HOURS (L. S. Y.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																																	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31					
1 / 82																							.1										1	1			
8 / 87																							.2		.1								3	3			
6 / 85																						.2		.2									4	4			
4 / 83																		.1	.2			.4	.2										6	9			
1 / 81											.5	1.2	.9	1.6	1.0	.2																	44	44			
1 / 79					.1	.2	2.1	.4	1.5	.5	.4	.1			.1									.1									44	44			
7 / 77					.1	1.7	1.9	3.5	1.6	1.2	.5	.4	.1										.1										89	89			
6 / 75					.4	2.5	3.7	2.7	1.4	.4	.6	.2																					96	96			
4 / 73				.1	2.5	3.3	2.6	2.2	2.7	1.0	.4	.4																					123	123	1		
1 / 71		.1	.4	1.7	1.1	3.3	2.3	1.9	1.7	.1	.5																						101	101	10		
1 / 69		.1	.4	.1	2.2	1.1	1.5	1.5	.6	.4																							64	65	46		
4 / 67			.1	.6	1.1	2.7	.6	.9	.6	.1																							49	49	77		
6 / 65		.4	.4	.6	2.7	.9	1.1	1.5	.4																								58	58	132		
4 / 63		.1	.5	.6	1.9	1.9	1.7	.2	.1																								51	51	93		
1 / 61			.2	.7	.2	.2	1.1																										21	21	102		
1 / 59		.2	.4	.6	.5	1.5	.2	.2																									30	30	75		
1 / 57		.2	.1		.6	.5		.1																									13	13	95		
5 / 55						.2																											2	2	55		
4 / 53					.1	.2																											3	3	50		
2 / 51			.2																														2	2	36		
5 / 49	.1																																1	1	21		
6 / 47		.2																															2	2	9		
4 / 45		.1																															1	1	5		
4 / 43																																			1		
2 / 41																																				38	
4 / 39																																				30	
3 / 37																																				12	
4 / 35																																				10	
3 / 33																																				6	
2 / 31																																				4	
1 / 29																																				1	
2 / 27																																				3	
TOTAL	.1	1.9	2.6	7.5	17.9	22.1	17.9	14.3	8.3	3.7	2.5	1.0	.2																				810	811	810		
Element (X)	Z _x ¹	Z _x	X	σ _x	No. Obs.	Mean No. of Hours with Temperature						Total																									
Rel. Hum.	2475850	43350	53.5	13.878	810	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F																										
Dry Bulb	4192529	58073	71.6	6.490	811			71.9	47.2	9.2		93																									
Wet Bulb	3337930	49390	61.0	5.708	810			15.6	.1			93																									
Dew Point	2329494	42927	53.0	8.265	810		.9	1.0				93																									

USAFETAC FORM 0-26-5 (OL A) REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

YEARS

CCY
MONTH

PAGE 1 1500-1700
HOURS (L. S. T.)

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

16760 HELLEVIKON AB GR

73-81

OCT
MONTH

PAGE 1 1800-2700
HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																																	TOTAL D.B. W.B.	TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	Dry Bulb	Wet Bulb	Dew Point																
6 / 55											.1							1															1			
7 / 51											.4							3															3			
7 / 79									.4		.1							4															4			
7 / 77					.1	.1	.1	.7	.5	.4	.1		.1					18														18				
6 / 75				.6	1.7	1.1	2.4	1.0	4									58														58				
6 / 73		.4	.4	3.1	2.4	2.7	1.1	.5	.4									38														38				
7 / 71		.2	1.9	2.4	3.3	2.7	1.5	.4	.1									95													95	3	1			
7 / 69		.1	3.7	1.9	2.8	3.7	.6	.1	.1									94													94	12	2			
6 / 67			.9	2.4	2.1	2.5	1.6	.4		.1								80													80	64	7			
6 / 65	.2	.9	1.7	1.9	2.7	2.2	1.7	.6										84													84	77	30			
4 / 63		.6	1.5	4.2	4.3	3.6	2.1	.2										134													134	126	68			
7 / 61		.7	.5	1.4	1.6	.4	.2	.2										41													41	98	49			
7 / 59	.2	.4	.7	1.7	1.1	1.6	.4	.2										52													52	89	90			
7 / 57		.1	.1	.7	.9	1.7	.1											24													24	91	73			
5 / 55		.4		.7	.4													12													12	84	66			
4 / 53		.1	.4	.9	.1	.1												13													13	64	62			
2 / 51			.2	.2														4													4	36	91			
5 / 49																																	33	42		
7 / 47		.2	.1															3													3	21	48			
4 / 45																																	8	68		
4 / 43																																		37		
2 / 41																																		35		
4 / 39																																		15		
3 / 37																																		12		
7 / 35																																		2		
3 / 33																																		6		
2 / 31																																		2		
TOTAL	.4	4.2	17.6	22.0	22.9	20.3	11.9	4.5	1.9	.5	.7		.1					808													808		808			
Element (X)	ΣX^2	ΣX	\bar{X}	σ^2	No. Obs.	Mean No. of Hours with Temperature																														
Rel. Hum.	32794.7	50443	62.4	13.647	808	$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	Total																								
Dry Bulb	3684770	54390	67.2	5.820	808			50.7	19.8	.5																								93		
Wet Bulb	2877946	48112	59.4	5.570	808			9.1																										93		
Dew Point	2351015	43139	53.4	7.699	808		.2	1.2																										93		

USAFETAC FORM 0-26-5 (OL A) JAN 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

YEARS

PAGE 1 2100-2300
HOURS L. S. T.

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

16 16 HELLONIKON AB GR

73-81

YEARS

QCT
MONTH

PAGE 1

ALL
HOURS (L, S, T)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																																	TOTAL D.B. W.B. Dry Bulb	TOTAL Wet Bulb Dew Point
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31																		
91																																	1	1	
89																																	1	1	
87																																	6	6	
85																																	10	10	
83																																	11	11	
81																																	75	75	
79																																	114	114	
77																																	231	231	
75																																	355	355	
73																																	532	533	
71																																	674	674	
69																																	644	645	
67																																	623	624	
65																																	650	650	
63																																	948	949	
61																																	390	391	
59																																	486	490	
57																																	272	272	
55																																	183	184	
53																																	130	130	
51																																	70	70	
49																																	24	24	
47																																	35	35	
45																																	8	8	
43																																			
41																																			
39																																			
37																																			
35																																			
33																																			
31																																			
29																																			
27																																			
25																																			
Element (X)	Σ X ²					Σ X					Σ					Σ					Σ					Σ					Σ				
Rel. Hum.																																			
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

PSYCHROMETRIC SUMMARY

73-81

YEARS

ACI
MONTH

PAGE 2

ALL
HOURS (L.S.T.)

PSYCHROMETRIC SUMMARY

73-81

YEARS

NOV
MONTH

PAGE 1 0300-0500
HOURS 05:01

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL					
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point			
1 / 59						.1	.3	.1	.1																									5	5				
1 / 67					.3	.3	.3	.3																										8	8				
6 / 65			1.1	.3	.7	.1																												16	16	4			
4 / 62			3.4	2.2	1.2	.9	.5	.5																										65	56	19	15		
1 / 61			2.1	2.2	2.1	1.6	.4																											64	64	35	18		
1 / 59		.4	2.3	4.2	4.6	1.8	1.2	.3																										113	113	34	31		
1 / 57			3.1	2.6	3.3	1.8	.3																											85	85	51	28		
5 / 55			2.9	5.2	3.9	.9	.5																											103	105	77	46		
4 / 53		.1	1.8	6.1	3.9	2.9	.1																											115	115	99	47		
2 / 51		.1	.9	2.7	1.4	1.1																												42	42	103	56		
5 / 49			1.1	1.4	.9	.4	.5																											33	33	113	66		
1 / 47			.7	1.3	1.8	.9																												36	36	58	92		
4 / 45			1.4	3.7	1.2	.5																												47	47	54	88		
4 / 43			.3	.8	.4																													11	11	33	57		
2 / 41			.1	1.2	.5	.4																												17	17	47	70		
4 / 39			.4	.4	.1																													7	7	12	27		
3 / 37																																					18	39	
1 / 35																																					7	29	
3 / 33																																					3	23	
2 / 31																																						11	
1 / 29																																						7	
2 / 27																																						10	
1 / 25																																						4	
2 / 23																																						3	
2 / 21																																						1	
1 / 17																																						1	
TOTAL		.7	21.5	32.9	26.3	13.8	3.9	.9																											767	770	767		
														</																									

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0-26-5 (OL A)

USAFETAC

PSYCHROMETRIC SUMMARY

YEARS

NOV
MON 1964

PAGE 1 0670-0300

[illegible]

USAFETAC
FORM 0-26-5 (Q1 A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

16-18 HELLENIKON AB GR STATION NAME

73-81 YEARS

NOV MONTH

PAGE 1 0900-1100 HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																																	TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B.-W.B. Dry Bulb		Wet Bulb		Dew Point															
4 / 73					.3	.3		.1										1		1																	
4 / 72								.4										7		7																	
4 / 69			.6	.3	.9	.5		.1										19		19																	
4 / 67			1.8	.5	1.3	.3	.4	.4										36		36																	
6 / 65		.6	2.7	1.8	1.9	1.7	.6											68		68		16															
4 / 63		1.4	3.3	5.9	3.1	3.3	.4	.3										138		138		27		17													
4 / 61		1.0	2.3	3.5	5.9	1.4	.3											112		113		46		27													
4 / 59		.8	2.3	5.4	5.3	2.2	.5	.3										126		127		73		27													
4 / 57		.9	1.2	3.5	2.3	2.8	.4											36		36		87		49													
5 / 55		.4	.8	2.8	3.5	1.2	.3											68		68		103		47													
4 / 53		.4	1.7	2.3	2.2	.9	.3											55		55		111		68													
2 / 51			.3	.4	1.3	.6												22		20		32		51													
5 / 49			.1	1.7	1.2	.1	.3											21		21		66		66													
4 / 47				.5		.1												6		6		74		79													
4 / 45				.8	.1													7		8		32		87													
4 / 43			.1	.3	.4													6		6		35		58													
2 / 41					.4													3		3		11		58													
4 / 39		.1																1		1		2		32													
3 / 37		.1																1		1		3		33													
2 / 35		.1																1		1		5		36													
3 / 33																						2		16													
2 / 31																								9													
1 / 29																								5													
2 / 27																								12													
1 / 25																								2													
2 / 23																								6													
2 / 21																								1													
TOTAL		5.9	15.7	29.0	29.5	15.0	3.8	1.0											782		785													782			

Element (X)	$\Sigma x'$	Σx	\bar{x}	s^2	No. Obs.	Mean No. of Hours with Temperature					Total
Rel. Hum.	3379583	50445	64.5	12.676	782	= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F
Dry Bulb	2833847	46959	59.8	5.618	785			7.2	.1		92
Wet Bulb	2258169	41755	53.4	6.057	782			.1			90
Dew Point	1813669	37092	47.4	8.339	782		3.8				90

USAFETAC FORM 0-26-5 (OL A) JAN 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

YEARS

NCV
MONTH

PAGE 1 1230-1400
HOURS S. T.

PSYCHROMETRIC SUMMARY

YEARS

NOV
MONTH

PAGE 1 1500-1700
HOURS P. M.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B. Dry Bulb	Wet Bulb	Dew Point															
1 / 75							.1	.1		.3								5	5																
4 / 73						.1	.1	.1										5	5																
1 / 71				.3	.1	.5	.4		.1									11	11																
1 / 69			.7	.9	1.2	1.6	.4	.7	.1									44	44																
6 / 67		.3	2.5	1.7	2.1	1.3	1.0	.7										73	73	6															
6 / 65		.4	2.2	2.5	2.3	2.3	.7	.1										79	80	12															
4 / 63		.4	2.7	6.3	5.4	7.0	1.8	.1										176	176	46															
1 / 61		.1	1.7	3.2	5.4	1.7	2.1	.3										139	139	59															
1 / 59		.3	1.2	2.6	3.3	2.7	1.8	.3										93	95	75															
1 / 57	.1	.3	.7	2.1	3.1	2.0	.9											69	71	120															
5 / 55		.3	.5	1.7	1.7	1.8	.3	.1										44	45	103															
4 / 53		.3	.5	.7	.8	.8	.3	.1										26	27	115															
2 / 51			.1	.3	.1	.1												5	5	60															
5 / 49				.1	.7	.1	.1											5	5	73															
1 / 47		.1	.3	.1	.8	.3	.1											13	13	45															
4 / 45			.5	.1														5	5	37															
4 / 43																				10															
2 / 41		.1	.1															2	2	14															
4 / 39		.1																1	1	6															
3 / 37		.1																1	1	4															
1 / 35																				1															
3 / 33																																			
2 / 31																																			
1 / 29																																			
2 / 27																																			
1 / 25																																			
2 / 23																																			
2 / 21																																			
1 / 19																																			
1 / 17																																			
TOTAL	.1	2.7	12.7	21.7	26.9	22.1	10.7	2.6	.1	.4								766	773	766															
																		766		766															
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total																							
Rel. Hum.	2983433	46737	61.2	13.129	766	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total																							
Dry Bulb	2990450	47892	62.0	5.488	773			16.1	1.2			90																							
Wet Bulb	2305962	41794	54.6	5.788	766			.7				90																							
Dew Point	1806428	36664	47.9	8.208	766		3.6					90																							

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

16 16 HELLENIKON AB GR

73-81

YEARS

NOV
MONTH

PAGE 1 2100-2300
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																																	TOTAL D.B./W.B. Dry Bulb	TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Wet Bulb	Dew Point																	
47 / 73							.1											1														1				
46 / 69						.3		.3										4														4				
45 / 67				.3	.5	.1	.1											8														8				
44 / 65		.6	1.4	.8	.4													25														25	3			
43 / 63	.5	4.6	4.4	4.2	1.5	1.2		.1										129														129	18	16		
42 / 61	.4	.9	2.7	1.4	2.1	.9	.1											66														66	65	20		
41 / 59		2.3	3.7	7.6	4.4	1.8												154														154	43	44		
40 / 57		2.3	2.8	4.1	2.2	.8												95														95	77	43		
39 / 55		1.7	1.5	6.0	2.2	.3												86														86	85	55		
38 / 53		.8	2.4	2.1	2.1	.5	.1											62														62	101	53		
37 / 51		.1	1.4	2.1	2.2	1.7	.1											54														54	97	47		
36 / 49		.3	1.3	2.1	.6	.3												35														35	122	67		
35 / 47		.5	.8	.9	1.2													26														26	54	64		
34 / 45			.8	.5	.1													11														11	54	97		
33 / 43		.4	.4	.4	.5													13														13	37	69		
32 / 41		.1	.6	.3														8														8	27	50		
31 / 39																																		14	40	
30 / 37																																		7	35	
29 / 35																																		3	25	
28 / 33																																			15	
27 / 31																																			17	
26 / 29																																			12	
25 / 27																																			2	
24 / 25																																			2	
23 / 23																																			4	
TOTAL		14.7	24.3	33.2	7.2	0.2	6.8	.6	.4									777													778		777			

Element (X)	Z _h ²	Z _h	X	C _h	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	39568.5	54533	70.2	12.915	777	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Dry Bulb	2587296	44662	57.4	5.490	778			1.5	.1			93
Wet Bulb	2153629	40635	52.3	6.063	777							90
Dew Point	1799411	36845	47.4	8.205	777		4.3					90

PSYCHROMETRIC SUMMARY

YEARS

NOV
MONTH

PAGE 1

ALL
HOURS S. T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
6 / 75																		8	9																
4 / 73																		22	22																
1 / 71																		47	47																
1 / 69																		135	135																
0 / 67																		242	242	15															
5 / 65																		385	386	72	11														
4 / 63																		968	969	213	122														
1 / 61																		667	669	387	176														
1 / 59																		959	963	449	272														
1 / 57																		654	656	637	298														
5 / 55																		670	674	745	420														
4 / 53																		506	508	842	468														
2 / 51																		262	263	671	463														
5 / 49																		205	205	706	514														
1 / 47																		157	157	456	589														
4 / 45																		151	152	348	741														
4 / 43																		66	66	238	455														
2 / 41																		63	64	206	452														
4 / 39																		20	20	89	276														
3 / 37																		3	3	12	282														
1 / 35																		1	1	34	267														
3 / 33																		1	1	11	155														
2 / 31																				1	103														
1 / 29																					60														
2 / 27																					58														
1 / 25																					24														
2 / 23																					33														
2 / 21																					8														
1 / 19																					2														
1 / 17																					2														
1 / 15																					1														
TOTAL	.5	12	12	1.8	27	0	21	9	11	3	4	3	.9	.2	.1	.0			6212		6192														
																		6192			6192														

Element (X)	ΣX^2	ΣX	\bar{X}	s^2	No. Obs.	Mean No. of Hours with Temperature						
Rel. Num.						$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	Total
Dry Bulb	29402980	417830	67.5	13.970	6192			.1	52.6	3.5		720
Wet Bulb	17456768	326490	52.7	6.239	6192			.1	1.7			720
Dew Point	14271271	292783	47.3	8.308	6192				33.8			720

PSYCHROMETRIC SUMMARY

73-81

YEARS

DEC
MONTH

PAGE 1 0000-0200

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL			TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point																
67 / 65			.2	.1	.5	.1												3	8																		
67 / 63		.6	.9	.9	.1	.1												21	21																		
67 / 61		.4	1.7	1.7	.6	.1												31	31	8	1																
67 / 59		1.1	2.2	2.5	1.2	.4												56	56	10	6																
67 / 57		1.6	3.7	2.7	1.1	.1												69	69	38	8																
57 / 55	.1	2.6	2.5	3.3	.5	.1												74	74	44	25																
47 / 53		4.1	4.6	4.4	1.7	.2												116	116	94	47																
27 / 51		3.3	5.4	3.3	.4													101	101	89	57																
57 / 47		2.2	6.9	1.8	.7	.1												96	97	111	76																
67 / 47		2.5	3.1	2.8	.5													72	72	100	72																
47 / 45	.1	2.5	3.7	3.2	1.1													86	86	111	95																
47 / 43		.7	1.6	1.2	.5	.1												32	32	57	83																
27 / 41		.9	.7	1.0	.2	.2												25	27	53	94																
47 / 37		.4	1.1	.4	.1													16	16	51	56																
37 / 37		.6																5	5	23	33																
27 / 35			.2	.1														3	3	22	65																
37 / 33																				6	22																
27 / 31																				4	19																
27 / 29																					26																
27 / 27																					12																
27 / 25																					5																
27 / 23																					4																
27 / 21																					4																
17 / 15																					1																
17 / 13																					2																
TOTAL		.223	.436	.929	.58	.4	1.7											811	814	811	811																

Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	452.315	59793	73.7	11.755	811							
Dry Bulb	2211088	42154	51.8	5.878	814							93
Wet Bulb	1878470	38734	47.8	5.932	811			.5				93
Dew Point	1576627	35219	43.4	7.632	811			8.4				93

PSYCHROMETRIC SUMMARY

YEARS

DEC
MONTH

PAGE 1 0600-0800
HOURS (L. S. T.)

[illegible]

USAFETAC FORM 0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

YEARS

DEC
MONTH

PAGE 1 29CG-1100
HOURS 11:50-12:00

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

DEC

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

DEC
MONTH

PAGE 1 1500-1700
HOURS (L. S. T.)

USAFETAC FORM 0-26-5 (QLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

16-10	HELLEYIKON AB GR
STATION	STATION NAME

73-81

YEARS

DEC
MONTH

PAGE 1 1800-2000
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
4 / 37		.6	1.0	1.6	.4	.4												32	32																
4 / 39		.5	1.9	2.5	1.4	.6												55	57	8	1														
4 / 59		1.1	4.0	4.3	2.7	.9	.2											107	107	9	8														
4 / 57		2.6	3.6	4.3	1.8	.6	.1											99	99	43	13														
5 / 55		1.9	2.7	6.2	2.7	.4												112	112	74	22														
4 / 53		1.2	3.5	4.6	2.6	.6												101	101	96	62														
2 / 51		1.7	4.1	4.0	1.6	.1												89	89	101	60														
2 / 49		.6	2.8	2.6	1.2	.1	.1											61	61	102	54														
1 / 47		1.2	1.7	2.7	.2	.5												46	46	102	70														
4 / 45		.5	2.3	2.5	2.2	.4	.2											66	66	99	106														
4 / 43			1.1	.9	.2	.1												19	19	50	63														
2 / 41			.7	.6	.1													12	12	39	102														
4 / 39		.4	.4															6	6	40	55														
3 / 37	.1		.4															4	4	28	54														
1 / 35																				13	35														
3 / 33																				5	42														
2 / 31																					17														
2 / 29																					17														
2 / 27																					16														
2 / 25																					8														
2 / 23																					6														
2 / 21																					2														
1 / 17																					1														
1 / 15																					2														
TOTAL	.1	11.9	29.4	36.7	16.4	4.7	.7											829		811	809														

PSYCHROMETRIC SUMMARY

73-81

YEARS

ALL
MONTH

PAGE 1

ALL
HOURS

USAFETAC
FORM
0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

YEARS

ALL MONTH

PAGE 2

ALL
HOURS 11-5

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point											
3 / 33	.2	.0	.1	.0														173	103	497	1686											
2 / 31		.0	.2	.0	.0													33	36	235	987											
1 / 29		.0	.0	.0														16	16	82	898											
2 / 27		.1	.2	.0														9	9	28	947											
1 / 25																				6	491											
2 / 23																				8	393											
2 / 21																				3	166											
1 / 19																					106											
1 / 17																					52											
1 / 15																					23											
1 / 13																					9											
1 / 11																					3											
1 / 9																					10											
1 / 7																					3											
1 / 5																					2											
1 / 3																					1											
TOTAL	.2	7.9	17.3	27.7	16.3	11.5	8.8	6.0	4.2	2.5	1.9	1.4	.7	.3	.2	.1	.	75844			75633											
																		75633			75633											

Element (X)	Σ X ²	Σ X	X	σ _x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	306121163	4656221	61.6	16.954	75633	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Dry Bulb	322399220	4852776	64.2	12.526	75844		7.0	3620.7	2566.1	114.4	46.5	8760
Wet Bulb	242907810	4227846	55.9	9.323	75633		38.2	1191.0	130.4	.2		8760
Dew Point	191979120	3737024	49.4	9.847	75633		474.0	189.9	8.5			8760

2
 1. CLIMATOLOGY BRANCH
 2. USAFETAC
 3. WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

16-18 HELLENIKON AB GR

73-81

STATION		STATION NAME												YEARS											
HRS (LST)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL											
0-1	MEAN	47.3	49.2	51.8	56.0	63.5	71.4	76.7	75.5	70.7	64.3	56.5	51.8	61.2											
	S D	6.037	6.099	5.226	4.044	4.132	4.218	3.929	3.697	4.285	5.704	5.987	5.878	11.222											
	TOTAL OBS	807	736	806	778	815	784	791	788	771	807	776	814	9473											
-15	MEAN	46.5	48.2	50.3	54.4	61.9	69.3	74.7	73.7	69.0	62.8	55.5	50.9	59.3											
	S D	6.113	6.294	5.292	4.061	4.177	4.162	3.867	3.752	4.385	5.646	6.005	5.902	10.941											
	TOTAL OBS	873	736	803	776	817	770	788	789	770	810	770	797	9429											
-16	MEAN	46.1	47.7	50.3	55.3	64.1	71.9	76.8	75.1	69.8	62.9	55.3	50.4	60.5											
	S D	6.236	6.270	5.235	4.233	4.529	4.548	4.043	3.853	4.327	5.597	5.920	5.798	11.738											
	TOTAL OBS	816	738	808	779	813	792	784	792	761	813	771	792	9459											
-11	MEAN	49.4	51.3	55.4	60.3	69.2	77.2	82.7	81.7	76.4	68.5	59.8	53.9	65.5											
	S D	6.018	6.352	5.422	4.280	4.646	4.875	4.232	4.152	4.693	6.152	5.618	5.822	12.603											
	TOTAL OBS	805	743	806	780	825	779	775	785	788	815	785	814	9500											
1-14	MEAN	52.2	54.2	58.4	63.2	72.0	80.2	85.9	85.2	79.8	71.6	62.8	56.7	68.6											
	S D	6.108	6.470	5.501	4.459	5.033	5.196	4.715	4.402	5.032	6.490	5.383	5.682	12.859											
	TOTAL OBS	797	735	811	778	816	778	789	793	791	811	770	797	9466											
-17	MEAN	51.9	54.1	58.7	63.2	71.9	80.7	86.5	85.4	79.6	70.9	62.0	56.2	68.5											
	S D	6.080	6.258	5.643	4.576	5.514	5.263	5.246	4.541	5.301	6.403	5.488	5.444	13.091											
	TOTAL OBS	810	736	811	774	809	774	793	797	788	804	773	795	9464											
-20	MEAN	49.5	51.5	55.8	60.1	68.7	77.5	82.7	81.2	75.3	67.2	58.9	53.8	65.2											
	S D	5.924	6.146	5.352	4.369	5.184	5.347	4.924	4.403	4.907	5.820	5.313	5.479	12.528											
	TOTAL OBS	817	741	806	783	818	777	791	801	788	809	789	811	9531											
1-23	MEAN	48.1	49.9	53.5	57.6	65.5	73.7	78.7	77.5	72.4	65.3	57.4	52.5	62.7											
	S D	5.900	6.145	5.097	4.108	4.340	4.655	4.096	3.828	4.263	5.698	5.490	5.704	11.633											
	TOTAL OBS	815	747	807	779	819	791	789	801	780	814	778	802	9522											
ALL HOURS	MEAN	48.9	50.8	54.3	58.8	67.1	75.2	80.6	79.4	74.2	66.7	58.5	53.3	64.0											
	S D	6.422	6.668	6.196	5.356	5.943	6.238	6.071	5.932	6.148	6.763	6.245	6.110	12.526											
	TOTAL OBS	6470	5912	6458	6227	6532	6245	6300	6346	6237	6483	6212	6422	75844											

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

610 HELLENIKON AB GR

73-81

STATION

STATION NAME

YEARS

HRS LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
MEAN	43.4	45.3	47.6	51.0	57.5	62.8	65.7	64.5	61.5	57.8	51.9	47.8	54.7
S D	6.203	6.355	5.378	4.115	3.700	3.757	3.765	3.967	4.266	5.550	6.367	5.912	9.056
TOTAL OBS	806	735	873	777	813	784	788	787	770	807	774	811	9455
MEAN	42.7	44.6	46.5	49.8	56.3	61.7	64.4	63.5	60.4	56.8	51.0	47.0	53.7
S D	6.250	6.383	5.309	4.119	3.732	3.717	3.548	3.644	4.063	5.570	6.299	5.897	8.924
TOTAL OBS	803	736	801	772	817	770	784	787	768	809	767	797	9411
MEAN	42.5	44.3	46.4	50.2	57.5	62.8	65.2	64.1	60.8	56.9	50.9	46.5	54.0
S D	6.364	6.409	5.273	4.211	3.675	3.735	3.493	3.542	4.060	5.597	6.356	5.816	9.293
TOTAL OBS	814	737	807	778	810	790	783	791	758	812	771	789	9443
MEAN	44.6	46.4	49.5	53.2	60.2	65.2	67.9	66.8	63.8	59.7	53.4	48.7	56.6
S D	6.131	6.206	5.284	4.129	3.543	3.723	3.533	3.626	4.276	5.614	6.057	5.683	9.341
TOTAL OBS	803	736	801	778	822	778	773	783	784	812	782	813	9465
MEAN	46.2	48.1	51.1	54.8	61.5	66.4	69.3	68.5	65.4	61.0	54.8	50.3	58.2
S D	6.095	6.180	5.330	4.039	3.331	3.634	3.636	3.684	4.282	5.708	5.740	5.690	9.268
TOTAL OBS	793	731	809	777	810	774	789	792	791	810	768	796	9442
MEAN	46.1	48.0	51.4	54.8	61.3	66.3	69.3	68.3	65.4	60.9	54.6	50.0	58.1
S D	6.080	6.221	5.378	3.996	3.573	3.648	3.523	3.658	4.315	5.646	5.788	5.633	9.287
TOTAL OBS	805	731	807	772	805	770	786	794	786	801	766	792	9415
MEAN	44.7	46.7	49.9	53.2	59.7	64.7	67.7	66.4	63.7	59.4	53.0	48.7	56.5
S D	6.114	6.338	5.276	4.050	3.633	3.712	3.729	3.844	4.294	5.570	6.015	5.761	9.212
TOTAL OBS	814	741	802	781	815	777	788	801	788	808	787	809	9511
MEAN	43.8	45.6	48.6	51.8	58.3	63.5	66.3	65.1	62.3	58.3	52.3	48.1	55.4
S D	6.086	6.405	5.214	3.996	3.652	3.801	3.837	4.050	4.165	5.580	6.063	5.790	9.091
TOTAL OBS	807	747	804	778	816	789	789	800	779	814	777	796	9496
MEAN	44.3	46.1	48.9	52.4	59.0	64.2	67.0	65.9	62.9	58.9	52.7	48.4	55.9
S D	6.297	6.447	5.606	4.470	4.031	4.053	4.020	4.152	4.594	5.811	6.239	5.907	9.323
TOTAL OBS	6445	5898	6434	6213	6508	6232	6280	6335	6224	6473	6192	6401	75633

2
FEDERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

6 16 HELLENIKON AB GR

73-81

STATION

STATION NAME

YEARS

HRS IL ST	MEAN	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
0-32	S D	8.106	8.227	7.312	6.180	5.675	6.322	6.651	7.042	6.490	7.262	8.360	7.632	9.719
	TOTAL OBS	806	735	803	777	813	784	788	787	770	807	774	811	9455
0-35	MEAN	38.6	40.9	43.1	46.2	52.5	56.8	58.5	57.0	54.8	52.6	47.4	43.4	49.3
	S D	8.155	8.079	6.977	5.979	5.534	5.753	6.063	6.218	5.971	7.274	8.204	7.459	9.502
	TOTAL OBS	803	736	801	772	817	770	784	787	768	809	767	797	9411
0-38	MEAN	37.8	40.3	42.0	45.2	52.1	56.6	57.6	56.6	54.4	52.0	46.6	42.2	48.6
	S D	8.299	8.059	7.012	6.074	5.411	5.638	5.724	5.893	5.910	7.334	8.256	7.369	9.624
	TOTAL OBS	814	737	807	778	810	790	783	791	758	812	771	789	9440
-11	MEAN	38.9	41.1	43.3	46.6	53.5	57.4	58.8	57.3	55.1	52.9	47.4	43.2	49.6
	S D	8.269	7.999	7.534	6.403	5.784	6.415	6.654	6.744	6.665	7.665	8.339	7.494	9.836
	TOTAL OBS	803	736	801	778	822	778	773	783	784	812	782	813	9465
1-14	MEAN	39.2	41.4	43.9	47.4	53.9	57.5	59.4	58.2	55.8	53.0	47.6	43.8	50.1
	S D	8.538	8.158	7.978	6.457	5.908	6.883	7.380	7.480	7.171	8.265	8.386	7.972	10.141
	TOTAL OBS	793	731	809	777	810	774	789	792	791	810	768	796	9440
15-17	MEAN	39.2	41.4	44.1	47.3	53.6	57.0	59.0	57.7	56.0	53.4	47.9	43.7	50.1
	S D	8.443	8.403	7.845	6.443	6.198	7.152	7.422	7.593	7.243	8.154	8.208	7.980	10.087
	TOTAL OBS	805	731	807	772	805	770	786	794	786	801	766	792	9415
-2	MEAN	38.9	41.3	43.9	46.8	52.8	55.9	58.3	56.7	55.6	53.4	47.3	43.5	49.5
	S D	8.216	8.497	7.646	6.382	6.146	7.207	7.723	7.422	7.082	7.699	8.457	7.832	9.901
	TOTAL OBS	814	741	802	781	815	777	788	801	788	808	787	809	9511
1-23	MEAN	38.6	40.7	43.5	46.2	52.5	56.5	58.2	56.7	55.1	52.7	47.4	43.4	49.3
	S D	8.096	8.484	7.468	6.151	6.191	7.022	7.339	7.538	6.607	7.462	8.205	7.541	9.835
	TOTAL OBS	807	747	804	778	816	789	789	800	779	814	777	796	9496
ALL HOURS	MEAN	38.7	40.9	43.3	46.4	52.8	56.7	58.4	57.1	55.1	52.7	47.3	43.3	49.4
	S D	8.276	8.245	7.579	6.306	5.903	6.588	6.925	7.040	6.692	7.661	8.308	7.675	9.847
	TOTAL OBS	6445	5894	6434	6213	6508	6232	6280	6335	6224	6473	6192	6403	75633

16160	HELLENIKON AB GR
STATION	STATION NAME

73-81

JAN
MONTH

**CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)**

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	0-02	100.0	100.0	100.0	99.5	95.3	82.5	57.7	26.8	7.7	72.5	806
	03-05	100.0	100.0	100.0	99.3	96.4	83.4	58.0	29.5	8.3	73.1	803
	06-08	100.0	100.0	99.8	98.8	96.8	83.7	61.5	28.7	7.6	73.4	814
	09-11	100.0	100.0	99.8	98.5	92.2	69.7	45.2	16.8	3.0	68.0	803
	12-14	100.0	100.0	98.7	94.8	81.2	55.1	28.9	9.0	1.5	62.4	797
	15-17	100.0	99.9	99.1	95.8	83.6	58.3	30.1	8.0	1.4	63.0	805
	18-20	100.0	100.0	100.0	98.9	92.4	71.9	42.6	17.1	1.8	67.9	814
	21-23	100.0	100.0	100.0	99.6	93.8	77.3	52.5	20.7	2.7	70.2	807
TOTALS		100.0	100.0	99.7	98.2	91.5	72.7	47.1	19.6	4.3	68.8	8445

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/MAC

RELATIVE HUMIDITY

16 16
STATION

HELLENIKON AB GR
STATION NAME

73-81

PERIOD

FEB
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
FEB	00-02	100.0	100.0	100.0	99.9	96.2	86.1	61.5	26.2	5.9	73.5	735
	03-05	100.0	100.0	100.0	99.7	98.1	87.8	68.3	33.7	9.1	75.2	736
	06-08	100.0	100.0	100.0	99.9	98.8	89.0	70.7	36.4	8.7	75.8	737
	09-11	100.0	100.0	99.7	99.2	92.8	76.8	47.3	15.5	2.3	68.8	735
	12-14	100.0	100.0	99.6	96.3	85.4	58.1	26.9	7.9	1.9	63.0	731
	15-17	100.0	100.0	99.9	96.6	85.1	57.0	30.4	6.8	1.5	63.2	731
	18-20	100.0	100.0	99.9	98.1	93.0	74.5	49.7	16.1	2.6	68.9	741
	21-23	100.0	100.0	100.0	99.9	95.2	78.7	55.4	23.8	4.6	71.4	747
TOTALS		100.0	100.0	99.9	98.7	93.1	76.0	51.3	21.3	4.6	70.0	5894

USAFETAC

FORM
JUL 64

0-87-5 (DL A)

16-160
STATION

HELLENIKON AB GR

73-81

4 A R
MONTH

**CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)**

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAR	00-02	100.0	100.0	100.0	98.8	94.6	84.4	62.4	31.4	6.2	73.3	803
	03-05	100.0	100.0	100.0	99.5	97.0	86.8	66.0	33.0	11.2	74.7	801
	06-08	100.0	100.0	100.0	99.4	95.9	86.0	65.7	30.1	9.3	74.0	807
	09-11	100.0	100.0	99.4	96.3	85.6	63.9	37.0	11.4	2.2	64.9	801
	12-14	100.0	100.0	97.8	91.2	76.9	49.4	24.0	4.4	1.4	60.0	809
	15-17	100.0	100.0	98.4	90.7	78.4	47.5	23.5	3.5	.5	59.7	807
	18-20	100.0	100.0	98.9	95.0	85.5	68.7	40.4	12.8	1.7	65.6	802
	21-23	100.0	100.0	99.6	96.9	91.7	77.1	55.2	22.4	4.6	70.0	874
TOTALS		100.0	100.0	99.3	96.0	88.2	70.5	46.8	18.5	4.6	67.7	6434

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APR
MON

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATMOSPHERIC WEATHER SERVICE/MAC

RELATIVE HUMIDITY

16-150
STATION

HELLENIKON AB GR
STATION NAME

73-81
PERIOD

MAY
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAY	00-02	100.0	100.0	99.3	96.6	90.2	72.3	50.2	18.7	3.1	68.7	613
	03-05	100.0	100.0	99.6	97.3	91.9	76.6	56.9	23.6	5.1	70.6	817
	06-08	100.0	100.0	98.9	95.8	88.8	70.6	40.0	11.5	2.7	66.4	810
	09-11	100.0	99.9	97.1	90.1	77.4	48.5	17.2	3.4		58.9	822
	12-14	100.0	98.5	94.2	86.3	66.9	37.0	8.4	1.7	.1	54.5	810
	15-17	100.0	99.1	93.3	83.2	63.4	36.9	12.2	2.5	.6	54.6	805
	18-20	100.0	99.5	95.1	87.7	73.1	49.8	22.2	3.7	.5	58.8	815
	21-23	100.0	99.9	98.2	92.6	83.7	61.4	40.4	12.1	1.6	64.5	816
TOTALS		100.0	99.6	97.0	91.2	79.4	56.6	30.9	9.7	1.7	62.2	6508

USAFETAC

FORM
JUL 64

0-87-5 (OL A)

RELATIVE HUMIDITY

JUN
MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUN	00-02	100.0	100.0	98.9	91.2	75.5	55.2	30.2	10.6	.9	61.7	784
	03-05	100.0	100.0	99.9	95.7	82.9	60.9	35.1	14.3	1.3	64.5	770
	06-08	100.0	100.0	99.5	93.3	74.8	49.4	21.4	4.8	.5	59.9	790
	09-11	100.0	100.0	92.9	78.8	58.0	27.6	7.1	.3	.1	52.1	778
	12-14	100.0	97.4	86.0	72.5	44.8	13.4	2.2	.5		47.6	774
	15-17	100.0	96.5	85.2	65.1	41.6	13.9	1.4	.1	.1	46.3	770
	18-20	100.0	97.7	87.5	71.9	47.0	25.7	9.0	.8		49.6	777
	21-23	100.0	99.2	94.0	83.8	64.0	44.2	23.7	4.6	.3	56.9	789
TOTALS		100.0	98.9	93.0	81.5	61.1	36.3	16.3	4.5	.4	54.8	6232

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[illegible]

JUL
MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUL	00-02	100.0	100.0	97.2	81.9	57.5	37.4	16.1	4.1		55.1	798
	03-05	100.0	100.0	99.4	88.3	62.9	40.1	18.2	3.4	.1	56.7	794
	06-08	100.0	100.0	98.1	84.0	53.6	24.6	7.0	1.1		52.7	783
	09-11	100.0	98.7	89.0	64.6	36.0	11.0	1.0			45.8	773
	12-14	99.9	95.6	81.7	57.2	28.9	6.1	.4			42.6	789
	15-17	99.9	94.5	76.2	50.8	26.7	8.0	.8			41.6	786
	18-20	100.0	97.0	83.2	59.3	38.6	19.0	5.2	.3		46.0	786
	21-23	100.0	99.9	90.4	71.6	50.3	31.6	11.3	2.0	.3	51.5	789
TOTALS		100.0	98.2	89.4	69.7	44.3	22.2	7.5	1.4	.1	49.0	6280

GLOBAL CLIMATOLOGY BRANCH
J54F TAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

610
STATION

HELLENIXON AB GR

73-81

AUG
MON

**CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)**

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
AUG	00-02	100.0	99.9	97.1	84.4	51.5	32.1	16.0	4.6	1.3	54.3	787
	03-05	100.0	99.9	99.4	88.6	60.5	38.0	16.9	3.4	.9	56.2	787
	06-08	100.0	100.0	98.4	86.2	56.0	29.6	10.2	1.8	.3	53.9	791
	09-11	100.0	98.9	87.6	58.7	30.0	11.0	2.4			44.9	783
	12-14	100.0	96.7	76.5	51.4	27.3	7.3	1.6			41.8	792
	15-17	100.0	96.6	75.3	45.0	24.6	9.3	2.4	.5	.1	41.1	794
	18-20	100.0	99.0	83.8	56.9	31.7	16.0	5.5	1.2		45.1	871
	21-23	100.0	99.9	92.9	70.9	42.5	25.6	12.8	4.1	.6	50.6	800
TOTALS		100.0	98.9	88.9	67.8	40.5	21.1	8.5	2.0	.4	48.5	6335

RELATIVE HUMIDITY

16 18
STATION

HELLENIKON AB GR

73-81

PERIOD

SEP
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
SEP	00-02	100.0	100.0	100.0	94.3	67.8	42.2	18.4	4.7	.3	53.3	770
	03-05	100.0	100.0	99.9	96.0	76.8	44.4	23.4	4.7	.3	60.1	768
	06-08	100.0	100.0	99.9	95.5	77.4	40.9	18.9	3.3		59.0	758
	09-11	100.0	100.0	96.8	74.5	39.5	18.4	2.6	.5		45.9	754
	12-14	100.0	99.5	88.0	60.9	32.4	11.0	1.1	.3	.1	45.2	791
	15-17	100.0	99.6	87.4	62.2	35.0	15.3	3.1	.5	.1	46.1	786
	18-20	100.0	99.7	96.4	76.0	50.0	28.9	11.7	2.8	.3	52.0	782
	21-23	100.0	100.0	99.5	88.2	62.3	36.3	14.6	3.6	.1	55.9	779
TOTALS		100.0	99.9	96.0	81.0	55.2	29.7	11.8	2.6	.2	53.2	6224

PHYSICAL CLIMATOLOGY BRANCH
JAFETAC
AT WEATHER SERVICE/MAC

16 15	HELLENIKON AB GR	73-61	001
STATION	STATION NAME	PERIOD	MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JULY	00-02	100.0	100.0	100.0	98.6	89.5	66.9	41.5	18.2	7.1	66.9	507
	03-05	100.0	100.0	100.0	99.7	91.5	71.3	46.6	19.8	4.0	65.7	509
	06-08	100.0	100.0	100.0	99.4	92.9	69.7	43.8	14.6	5.5	66.0	511
	09-11	100.0	100.0	99.9	91.0	71.7	42.9	20.6	6.7	1.5	55.6	510
	12-14	100.0	99.9	95.7	81.9	58.5	28.9	11.2	3.2	.7	53.5	511
	15-17	100.0	99.8	95.8	86.3	62.7	36.5	12.7	4.7	2.0	55.6	511
	18-20	100.0	99.9	99.3	94.6	80.9	54.5	29.6	9.2	1.7	62.4	512
	21-23	100.0	100.0	99.5	97.1	97.3	60.9	35.9	12.5	1.8	54.7	514
TOTALS		100.7	100.0	98.8	93.5	79.4	54.0	30.2	11.5	2.5	62.4	6473

AD-A122 712

HELLENIKON AS GREECE REVISED UNIFORM SUMMARY OF SURFACE
WEATHER OBSERVATI... (U) AIR FORCE ENVIRONMENTAL
TECHNICAL APPLICATIONS CENTER SCOTT A... 29 JUL 82

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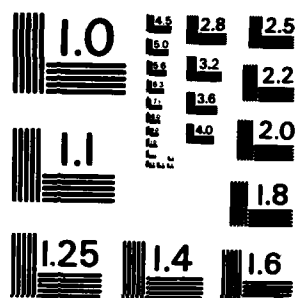
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MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A

16 16 HELLENIKON AB GR
STATION STATION

73-81

NOV
MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
NOV	00-02	100.0	100.0	100.0	99.4	94.6	79.8	58.8	27.6	6.3	72.1	774
	03-05	100.0	100.0	100.0	99.5	95.4	81.9	61.8	31.1	10.4	73.2	767
	06-08	100.0	100.0	100.0	99.9	97.3	82.7	61.1	29.3	10.8	73.5	771
	09-11	100.0	100.0	99.9	97.6	86.4	59.1	33.0	11.0	2.3	64.5	782
	12-14	100.0	100.0	99.3	92.4	75.9	40.6	19.4	5.9	.9	58.8	768
	15-17	100.0	100.0	99.2	95.6	77.9	46.9	26.5	7.4	1.2	61.0	766
	18-20	100.0	100.0	99.9	98.0	89.2	65.2	38.6	15.4	3.8	66.6	787
	21-23	100.0	100.0	100.0	99.6	93.6	76.3	52.5	21.9	4.9	70.2	777
TOTALS		100.0	100.0	99.8	97.8	88.8	66.6	44.0	18.6	5.1	67.5	6192

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

16-16 HELLENIKON AB GP

73-81

DEC

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
DEC	00-02	100.0	100.0	100.0	99.5	96.9	85.6	63.5	26.1	7.4	73.7	811
	03-05	100.0	100.0	100.0	99.6	97.4	87.7	65.1	31.7	10.2	74.5	797
	06-08	100.0	100.0	100.0	99.5	97.7	87.3	64.9	29.2	8.1	74.1	789
	09-11	100.0	100.0	99.9	98.2	92.6	71.7	46.9	14.0	2.1	67.9	813
	12-14	100.0	100.0	99.2	96.2	84.9	57.5	31.4	5.9	2.1	63.2	796
	15-17	100.0	100.0	99.2	96.1	86.2	61.4	33.0	7.4	1.1	63.9	792
	18-20	100.0	100.0	99.8	98.8	92.2	76.9	48.5	18.4	3.0	69.0	809
	21-23	100.0	100.0	99.9	99.5	96.2	82.7	57.5	26.1	4.5	72.0	796
TOTALS		100.0	100.0	99.8	98.4	93.0	76.4	51.4	20.2	4.8	69.8	6403

USAFETAC

FORM
JUL 64

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

16715
STATION

HELLENIKON AB GR
STATION NAME

73-81

PERIOD

ALL
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	ALL	100.0	100.0	99.7	98.2	91.5	72.7	47.1	19.6	4.3	68.8	6445
FEB		100.0	100.0	99.9	98.7	93.1	76.0	51.3	21.3	4.6	70.0	5894
MAR		100.0	100.0	99.3	96.0	88.2	70.5	46.8	18.5	4.6	67.7	6434
APR		100.0	100.0	99.2	94.8	84.6	62.6	39.3	13.2	2.4	65.0	6213
MAY		100.0	99.6	97.0	91.2	79.4	56.6	30.9	9.7	1.7	62.2	6528
JUN		100.0	98.9	93.0	81.5	61.1	36.3	16.3	4.5	.4	54.8	6232
JUL		100.0	98.2	89.4	69.7	44.3	22.2	7.5	1.4	.1	49.3	6280
AUG		100.0	98.9	88.9	67.8	40.5	21.1	8.5	2.0	.4	48.5	6335
SEP		100.0	99.9	96.0	81.0	55.2	29.7	11.8	2.6	.2	53.2	6224
OCT		100.0	100.0	98.8	93.5	79.4	54.0	30.2	11.5	2.5	62.4	6473
NOV		100.0	100.0	99.8	97.8	88.8	66.6	44.0	18.6	5.1	67.5	6192
DEC		100.0	100.0	99.8	98.4	93.0	76.4	51.4	20.2	4.8	69.8	6403
TOTALS		100.0	99.6	96.7	89.1	74.9	53.7	32.1	11.9	2.6	61.6	75633

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART F

PRESSURE SUMMARY

Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited by service as indicated below.

NOTES: Station pressure not reported for all services until late in 1945.

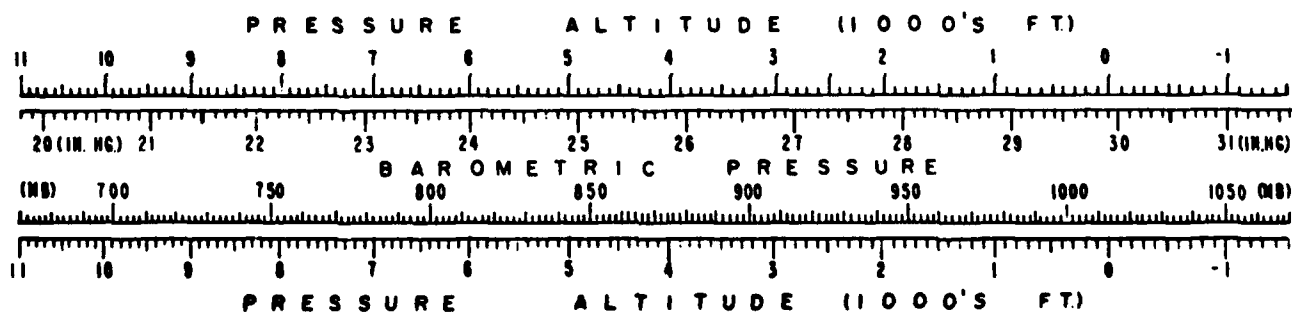
Station pressure reported only at 6-hourly times for Air Force stations from Jan 64 - Jul 65.

METAR stations do not report Sea-level pressure for the period Jan 68 - Dec 70.

1. Station pressure is presented in the table in inches of mercury.

2. Sea-level pressure is presented in millibars.

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressure-altitude in 1000's of feet. This scale is an enlarged model of the pressure-altitude scale in the Smithsonian Meteorological Tables.



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

16316 HELLENIKON AB GR

73-81

STATION		STATION NAME												YEARS	
HRS (LST)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL	
	MEAN	29.969	29.977	30.043	29.915	29.836	29.842	29.811	29.857	29.932	29.961	30.014	29.828	29.901	
	S D	.157	.160	.233	.197	.107	.083	.100	.056	.089	.150	.197	.223	.161	
	TOTAL OBS	12	7	14	14	33	34	31	31	34	35	34	28	307	
	MEAN	30.052	29.970	29.703	29.601	29.824	29.833	29.817	29.844	29.947	29.963	29.994	29.858	29.891	
	S D	.200	.173	.386	.168	.118	.100	.090	.070	.107	.121	.202	.226	.172	
	TOTAL OBS	16	8	7	10	29	33	20	33	31	28	29	26	270	
	MEAN	29.951	29.968	29.747	29.846	29.851	29.851	29.833	29.869	29.950	29.972	30.068	29.793	29.900	
	S D	.220	.282		.156	.124	.099	.106	.080	.081	.112	.241	.243	.168	
	TOTAL OBS	11	6	3	8	27	35	19	36	29	33	24	24	255	
	MEAN	30.128	29.969	29.965	29.853	29.859	29.860	29.825	29.869	29.956	29.970	29.963	29.911	29.916	
	S D	.258	.207	.158	.116	.126	.111	.076	.084	.114	.124	.232	.246	.171	
	TOTAL OBS	13	15	11	12	35	29	27	30	33	30	30	30	295	
	MEAN	30.028	29.974	29.863	29.761	29.819	29.831	29.838	29.858	29.926	29.938	29.994	29.880	29.883	
	S D	.235	.204	.237	.240	.144	.087	.080	.080	.099	.137	.219	.222	.159	
	TOTAL OBS	9	9	6	9	34	41	29	45	32	37	23	34	308	
	MEAN	30.052	29.842	29.942	29.881	29.797	29.847	29.799	29.826	29.904	29.922	30.033	29.868	29.881	
	S D	.212	.210	.139	.136	.141	.102	.073	.077	.103	.127	.208	.250	.166	
	TOTAL OBS	14	11	15	16	36	34	33	41	27	26	32	28	313	
	MEAN	30.034	29.985	29.928	29.898	29.836	29.823	29.821	29.855	29.952	29.962	30.038	29.842	29.903	
	S D	.274	.222	.164	.150	.122	.089	.088	.067	.105	.121	.179	.267	.175	
	TOTAL OBS	13	11	12	5	30	27	27	29	22	33	26	30	260	
	MEAN	30.007	29.971	29.886	29.864	29.867	29.842	29.832	29.867	29.947	29.983	29.984	29.823	29.903	
	S D	.293	.228	.173	.152	.124	.093	.098	.087	.115	.114	.217	.204	.164	
	TOTAL OBS	16	13	12	12	31	34	28	43	33	41	30	29	322	
	MEAN	30.030	29.955	29.918	29.856	29.836	29.841	29.821	29.855	29.939	29.960	30.010	29.852	29.897	
	S D	.234	.208	.218	.166	.127	.095	.088	.077	.102	.126	.211	.234	.167	
	TOTAL OBS	109	80	80	86	255	247	214	283	241	263	228	229	2330	
ALL HOURS	MEAN	30.030	29.955	29.918	29.856	29.836	29.841	29.821	29.855	29.939	29.960	30.010	29.852	29.897	
	S D	.234	.208	.218	.166	.127	.095	.088	.077	.102	.126	.211	.234	.167	
	TOTAL OBS	109	80	80	86	255	247	214	283	241	263	228	229	2330	

END

DATE
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DT